

LBT-D560/N350/N350K/N350P

SERVICE MANUAL

US Model
LBT-D560

Canadian Model
AEP Model

UK Model

Australian Model
PX Model

LBT-N350

E Model

LBT-N350/N350K/N350P

- LBT-D560/N350/N350K/N350P are composed of following models.
As for the service manual, it is issued for each component model,
then, please refer to it.

COMPONENT MODEL NAME FOR THESE SYSTEM

	LBT-D560	LBT-N350								LBT-N350K				LBT-N350P
	US	CND	AEP	UK	E	MX	AR	AUS	PX	E	EA	MY	SP	E
COMPACT DISC STEREO DECK RECEIVER	HCD-D560	HCD-N350								HCD-N350K				HCD-N350
SPEAKER SYSTEM	SS-D560			SS-LB300										
TURN TABLE				PS-LX56P								PS-LX56P		

NOTE :

- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

PARTS LIST

Part No.	Description	Part No.	Description
1-467-969-11	COMMANDER, STANDARD (RM-S300L)	* 4-957-532-01	SNOW BOX (L) (PS-LX56P)
1-501-374-11	ANTENNA, LOOP	* 4-957-533-01	SNOW BOX (R) (PS-LX56P)
3-798-246-11	MANUAL, INSTRUCTION (ENGLISH) (UK)	* 4-971-345-01	INDIVIDUAL CARTON (N350 : AEP, UK)
3-798-246-21	MANUAL, INSTRUCTION (ENGLISH) (US)	* 4-971-454-01	INDIVIDUAL CARTON (D560)
3-798-246-31	MANUAL, INSTRUCTION (ENGLISH, FRENCH) (CND)	* 4-971-455-01	INDIVIDUAL CARTON (N350 : CND,AUS,PX)
3-798-246-41	MANUAL, INSTRUCTION (ENGLISH, FRENCH, SPANISH, PORTUGUESE)(AEP)	* 4-971-624-01	INDIVIDUAL CARTON (N350 : E, MX, AR)
3-798-246-51	MANUAL, INSTRUCTION (GERMAN, DUTCH, SWEDISH, ITALIAN) (AEP, IT)	* 4-971-625-01	INDIVIDUAL CARTON (N350K : E, EA)
3-798-246-61	MANUAL, INSTRUCTION (DANISH, FINNISH) (AEP)	* 4-971-626-01	INDIVIDUAL CARTON (N350K : MY, SP)
3-798-246-71	MANUAL, INSTRUCTION (SPANISH) (MX)	* 4-971-627-01	INDIVIDUAL CARTON (N350P)
3-798-246-81	MANUAL, INSTRUCTION (ENGLISH, FRENCH, SPANISH, CHINESE) (E, EA, MY, SP, AR, AUS, PX)	* 4-971-633-01	CUSHION (HCD) (N350 : AEP, UK, N350P)
3-798-246-91	MANUAL, INSTRUCTION (ARABIC) (EA)	* 4-972-653-01	CUSHION (SS)
4-937-945-11	PLATE (TRANSPORT), LOCK (HCD)	* 4-973-315-01	CUSHION (HCD) (D560, N350 : CND, E, MX, AR, AUS, PX, N350K)
4-941-762-01	COVER (MLY), BATTERY (for RM-S300L)	A-4674-087-A	TURN TABLE MAT ASSY (PS-LX56P)

[CND : Canadian Model MX : Mexican Model AR : Argentine Model AUS : Australian Model]
[EA : Saudi Arabia Model MY : Malaysia Model SP : Singapore Model]

COMPONENT HI-FI STEREO SYSTEM

SONY®

Sony Corporation
Consumer A&V Products Company
Home A&V Products Div.

English
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9-959-979-11

Published by Home A&V Products Div. Quality Engineering Dept.

HCD-D560/N350/N350K

SERVICE MANUAL



Photo : HCD-N350K

These set are the tuner, deck, CD and amplifier section in LBT-D560, LBT-N350, LBT-N350K and LBT-N350P.

US Model
HCD-D560
Canadian Model
AEP Model
UK Model
Australian Model
PX Model
HCD-N350
E Model
HCD-N350/N350K

CD SECTION	Model Name Using Similar Mechanism	HCD-D260/N250
	Base Unit Type	BU-5BD19
	Optical Pick-up Type	KSS-213BA
TAPE DECK SECTION	Model Name Using Similar Mechanism	HCD-C33
	Tape Transport Mechanism Type	TCM-220WR2

SPECIFICATIONS

AUDIO POWER SPECIFICATIONS (US and Canadian models)

POWER OUTPUT AND TOTAL HARMONIC DISTORTION:

With 8 ohm loads, both channels driven, from 70–20,000 Hz; rated 100 watts per channel minimum RMS power, with no more than 0.9 % total harmonic distortion from 250 milliwatts to rated output.

CD player section

System Compact disc digital audio system
Laser Semiconductor laser
Wavelength 780–790nm

Tuner section

FM stereo, FM/AM superheterodyne tuner

FM tuner section

Tuning range 87.5–108.0 MHz
Antenna FM wire antenna
Antenna terminals 75 ohm unbalanced
Intermediate frequency 10.7 MHz

— Continued on next page —

COMPACT DISC DECK RECEIVER
SONY®



AM tuner section

Tuning range

US and Canadian models:

AM: 530–1,710 kHz
(with the tuning interval
set at 10 kHz)
531–1,602 kHz
(with the tuning interval
set at 9 kHz)

Latin American models:

AM: 530–1,710 kHz
(with the tuning interval
set at 10 kHz)

Middle Eastern model:

MW: 531–1,602 kHz
(with the tuning interval
set at 9 kHz)

SW: 5.95–17.90 kHz

German and Italian models:

AM: 531–1,602 kHz

Other European models:

MW: 531–1,602 kHz
LW: 153–279 kHz
(with the tuning interval
set at 3 kHz)

Other models:

AM: 531–1,602 kHz
(with the tuning interval
set at 9 kHz)

Antenna

AM loop antenna
External antenna
terminals

Intermediate frequency

450 kHz

Cassette deck section

Recording system

4-track 2-channel stereo

Frequency response

US, Canadian, AEP, UK, German and
Italian models:

(DOLBY NR OFF)
40–13,000 Hz (± 3 dB), using
Sony TYPE I cassette
40–14,000 Hz (± 3 dB), using
Sony TYPE II cassette

Other models:

40–13,000 Hz (± 3 dB), using
TYPE I cassette (Sony HF-S)
40–14,000 Hz (± 3 dB), using
TYPE II cassette (Sony UX-S)

Wow and flutter

$\pm 0.15\%$ W.Peak (IEC)
0.1% W.RMS (NAB)
 $\pm 0.2\%$ W.Peak (DIN)

Amplifier section

US and Canadian models:

Continuous RMS power output:

100 W+100 W, (8 ohms at 70–
20,000 Hz, 0.9% THD)

European models:

Continuous RMS power output:

30 W+30 W, (6 ohms at 1 kHz,
DIN)
35 W+35 W, (6 ohms at 1 kHz,
5% THD)

Other models:

Peak music power output

800 W (For Singapore, Malaysia
and Mexico, 4 speakers driven)
1000 W (For other countries,
4 speakers driven)

Continuous RMS power output:

60 W+60 W (6 ohms at 1 kHz,
5% THD)

Inputs

PHONO (phono jack):

Sensitivity 3 mV, impedance
47 kilohms

VIDEO (phono jack):

Sensitivity 300 mV, impedance
47 kilohms

MC 1, 2 (phono jack) (for LBT-N350K only):

Sensitivity 1 mV, impedance
10 kilohms

Outputs

PHONES (phono jack):

accept headphones of 8 ohms or more.

SPEAKER:

US and Canadian models:

accept impedance of 8 to 16 ohms.

Other models:

accept impedance of 6 to 16 ohms.

SURROUND SPEAKER:

(Except US and Canadian models)

Accept impedance of 16 ohms.

(For Singapore, Malaysia, Mexico and
European countries)

Accept impedance of 8 to 16 ohms.

(For other countries)

General

Power requirements

US and Canadian models:

120 V AC, 60 Hz

European models:

220–230 V AC, 50/60 Hz

Australian model:

220–240 V AC, 50/60 Hz

Malaysian model:

220–240 V AC, 50/60 Hz

Mexican model:

120 V AC, 50/60 Hz

Other models:

110–120 V or 220–240 V AC
adjustable, 50/60 Hz

Power consumption

US and Canadian models:

195W

European models:

105W

Other models:

180W

Dimensions

Approx. 355 × 425 × 405 mm
(14 × 16 3/4 × 16 inches) (w/h/d)
incl. projecting parts and controls

Mass

US and Canadian models:

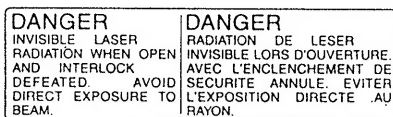
Approx. 12.0 kg (26 lb 7 oz)

European models:

Approx. 10.6 kg

Other models:

Approx. 12.2 kg

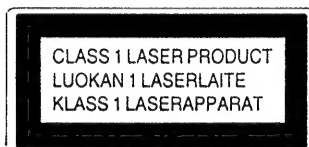


This caution label is located inside of the unit.

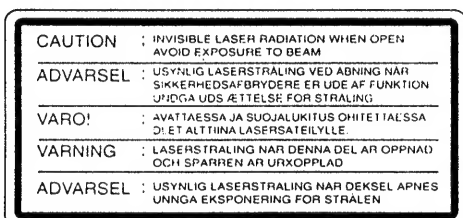
CAUTION

Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.


Laser component in this product is capable of emitting radiation exceeding the limit for Class 1.



This appliance is classified as a CLASS 1 LASER product. The CLASS 1 LASER PRODUCT MARKING is located on the rear exterior.

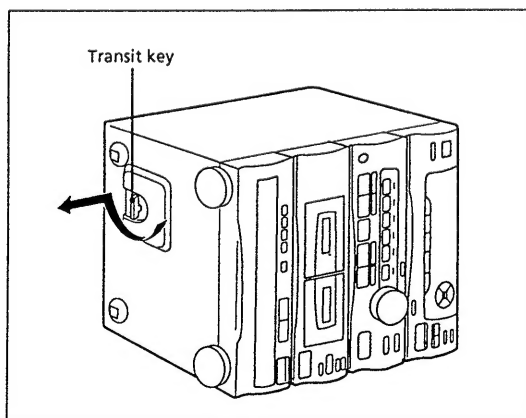


This caution label is located inside the unit.


Dolby noise reduction manufactured under license from Dolby Laboratories Licensing Corporation. "DOLBY" and double-D symbol  are trademarks of Dolby Laboratories Licensing Corporation.

Before operating the unit

Remove the transit key on the bottom of the unit by following the instructions on the label, and keep it in a safe place. The transit key protects the optical system against shock during transportation.



To re-install the transit key when transporting the unit

- 1 Remove all CDs.
- 2 Press  OPEN/CLOSE to close the disc tray and confirm that "D" (or "D", "D ...") has disappeared from the display.
- 3 Turn off the power.
- 4 Insert the transit key into its hole to lock.

Notes on chip component replacement

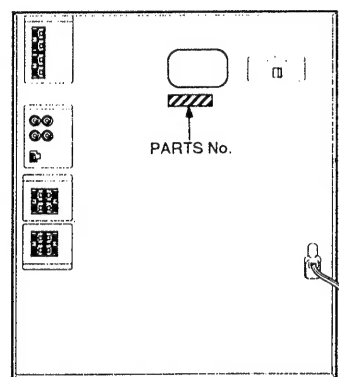
- Never reuse a disconnected chip component.
- Notice that the minus side of a tantalum capacitor may be damaged by heat.

Flexible Circuit Board Repairing

- Keep the temperature of the soldering iron around 270 °C during repairing.
- Do not touch the soldering iron on the same conductor of the circuit board (within 3 times).
- Be careful not to apply force on the conductor when soldering or unsoldering.

MODEL IDENTIFICATION

— BACK PANEL —



	PARTS NO.
D560 : US Model	4-969-795-0□
N350 : Canadian Model	4-969-795-1□
N350 : AEP 2 Model	4-969-795-3□
N350 : AEP 1 Model	4-969-795-5□
N350 : German Model	4-969-795-6□
N350 : Italian Model	4-969-795-7□
N350 : UK Model	4-969-795-8□
N350 : E2 Model	4-970-165-0□
N350 : Mexican Model	4-970-165-1□
N350 : E3, Argentine Model	4-970-165-2□
N350 : Australian Model	4-970-165-3□
N350 : PX Model	4-970-165-4□
N350K : Saudi Arabia Model	4-970-165-5□
N350K : E Model	4-970-165-6□
N350K : Malaysia Model	4-970-165-7□
N350K : Singapore Model	4-970-165-8□

SAFETY CHECK-OUT

After correcting the original service problem, perform the following safety checks before releasing the set to the customer:

Check the antenna terminals, metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

LEAKAGE

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microamperes). Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instruments.
2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 0.75 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 2V AC range are suitable. (See Fig. A)

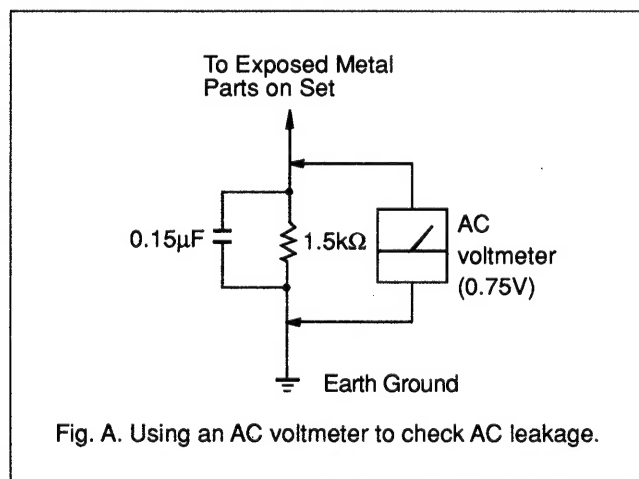


Fig. A. Using an AC voltmeter to check AC leakage.

SAFETY-RELATED COMPONENT WARNING !!

COMPONENTS IDENTIFIED BY MARK Δ OR DOTTED LINE WITH MARK Δ ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

ATTENTION AU COMPOSANT AYANT RAPPORT À LA SÉCURITÉ!!

LES COMPOSANTS IDENTIFIÉS PAR UNE MARQUE Δ SUR LES DIAGRAMMES SCHÉMATIQUES ET LA LISTE DES PIÈCES SONT CRITIQUES POUR LA SÉCURITÉ DE FONCTIONNEMENT. NE REMPLACER CES COMPOSANTS QUE PAR DES PIÈCES SONY DONT LES NUMÉROS SONT DONNÉS DANS CE MANUEL OU DANS LES SUPPLÉMENTS PUBLIÉS PAR SONY.

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SECTION 1

SERVICING NOTE

NOTES ON HANDLING THE OPTICAL PICK-UP BLOCK OR BASE UNIT

The laser diode in the optical pick-up block may suffer electrostatic break-down because of the potential difference generated by the charged electrostatic load, etc. on clothing and the human body.

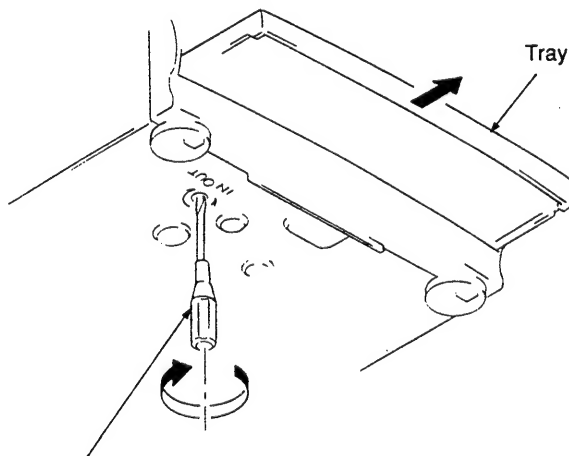
During repair, pay attention to electrostatic break-down and also use the procedure in the printed matter which is included in the repair parts.

The flexible board is easily damaged and should be handled with care.

NOTES ON LASER DIODE EMISSION CHECK

The laser beam on this model is concentrated so as to be focused on the disc reflective surface by the objective lens in the optical pick-up block. Therefore, when checking the laser diode emission, observe from more than 30 cm away from the objective lens.

HOW TO OPEN THE DISC TRAY WHEN POWER SWITCH TURNS OFF



Insert a tapering driver into the aperture of the unit bottom, and turn in the direction of arrow (to OUT direction).

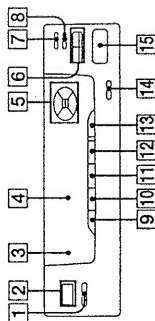
- * To close the disc tray, turn the driver in the reverse direction (to IN direction).

Index to Parts and Controls

Refer to the pages indicated in parentheses for details on how to use the controls.

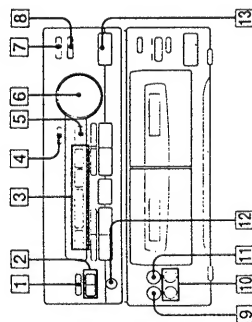
Front Panel

Tuner section



- 1 SLEEP button (19)
- 2 SYSTEM POWER switch (19)
- 3 Remote sensor
- 4 Display window (24)
- 5 CURSOR CONTROL buttons (6, 18, 19, 20)
- 6 TUNING (+/-) buttons (10, 20)
- 7 TUNING MEMORY button (11)
- 8 TUNING MODE button (10, 20)
- 9 TIMER SET button (19)
- 10 DAILY button (19)
- 11 REC button (20)
- 12 CLOCK SET button (6)
- 13 ENTER/NEXT button (6, 19)
- 14 DISPLAY button (6, 8, 18)
- 15 TUNER/BAND button (10, 15)

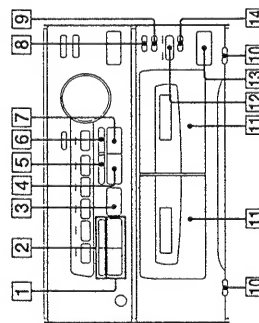
Amplifier section



- 1 KARAOKE ICON/MIX button* (22)
- 2 KEY CONTROL buttons* (22)
- 3 Preset equalizer setting buttons (18)
- 4 EQ MEMORY button (19)
- 5 P-FILE button (19)
- 6 VOLUME control (6, 18, 21)
- 7 DBFB button (18)
- 8 SURROUND button (19)
- 9 MIC LEVEL Control* (21)
- 10 MIC jacks* (21)
- 11 ECHO LEVEL Control* (21)
- 12 PHONES jack (18, 22)
- 13 FUNCTION button (6, 13, 21)

* For LBT-N350K only

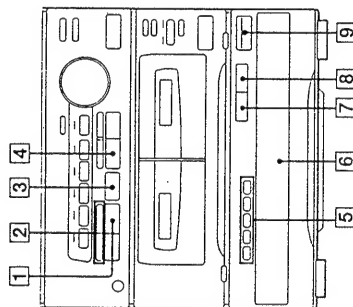
Tape player section



- 1 ▷ (front side play)
- 2 ◁ (reverse side play) buttons (12)
- 3 ▷▷ (fast rightward)
- 4 ◁◁ (fast leftward) buttons (12)
- 5 ■ (stop) button (12)
- 6 ◀ (pause) button (deck B only) (12)
- 7 HIGH SPEED DUBBING button (16)
- 8 CD SYNCRO button (13)
- 9 ● REC button (deck B only) (13)
- 10 DIRECTION MODE button (12)
- 11 DOLBY NR selector (12)*
- 12 EJECT button (12)
- 13 Cassette compartments (12)
- 14 DECK SELECT button (12)
- 15 TAPE button (12)
- 16 ◀◀ TAPE REWIND button (12)

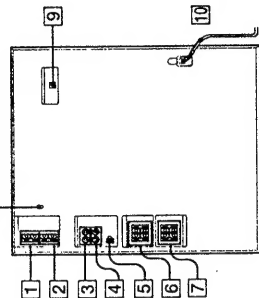
* For US, Canadian, AEP, German and Italian models only.

CD player



- 1 ▷ (play) button (7)
- 2 ◁◁◁ (stop) button (7)
- 3 ■ (pause) button (7)
- 4 00 (pause) button (7)
- 5 DISC SELECT 1 - 5 buttons (8)
- 6 Disc tray (7)
- 7 DISC SKIP button (7)
- 8 ⚙ OPEN/CLOSE button (7, 14)
- 9 CD button (8, 14)

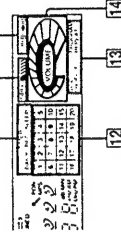
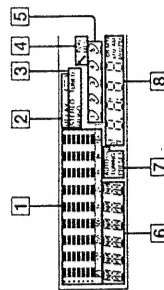
Rear Panel



- 1 FM 75Ω terminal (4)
- 2 AM terminal (4)
- 3 PHONO IN jacks (4)
- 4 VIDEO IN jacks (22)
- 5 POWER SOURCE terminal (4)
- 6 SPEAKER connectors (4)
- 7 SURROUND SPEAKER connectors (4, 22)
- 8 ⚡ ground terminal (4)
- 9 VOLTAGE SELECTOR* (5)
- 10 AC power cord (5)

* For E. Saudi Arabia, Singapore, Argentine and PX models.

Display Window



- 1 Spectrum analyzer (19)
- 2 Tape direction indications (13)
- 3 Tuner indication (11)
- 4 KARAOKE indication* (22)
- 5 Disc calendar (8)
- 6 Band/disc/track indications (6, 11, 15, 19, 20)
- 7 AUTO TUNING/PRESET/STEP indication (11)
- 8 Frequency/playing time indications (6, 8, 12, 15, 19, 20)
- 9 TIMER DAILY/REC/SLEEP indications (20)

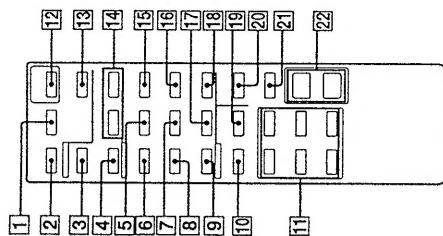
SECTION 2 GENERAL

This section is extracted from instruction manual.

- 10 DBFB indication (18)
- 11 SURROUND indication (19)
- 12 Music calendar (8)
- 13 CD play mode indication (8)
- 14 VOLUME indication (8)

* For LBT-N350K only

Remote

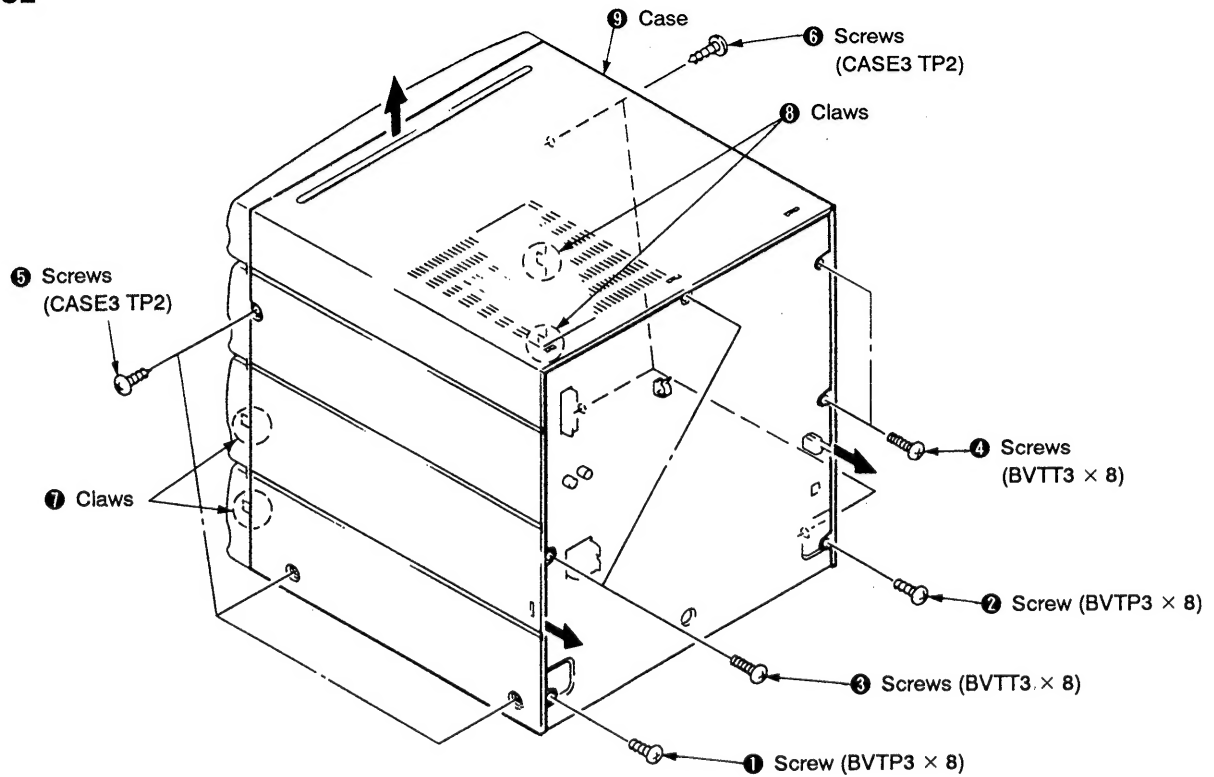


- 1 DISPLAY button (6)
- 2 FUNCTION button (9)
- 3 BAND button (10, 15)
- 4 STEREO/MONO button (10)
- 5 REPEAT button (9)
- 6 CD PLAY button (9)
- 7 SHUFFLE button (8)
- 8 CONTINUE button (7)
- 9 CHECK button (9)
- 10 TAPE PLAY button (12)
- 11 CD/TAPE operating buttons
- 12 ▶ (play) (7, 12)
- 13 ◀ (fast leftward) (7)
- 14 ▶▶ (fast rightward) (12)
- 15 ◀◀ (fast leftward) (7)
- 16 AMS* (7)
- 17 (pause) (7, 12)
- 18 ■ (stop) (7, 12)
- 19 * AMS: Automatic Music Sensor.
- 20 SYSTEM POWER button (8)
- 21 SLEEP button (19)
- 22 PRESET (+/-) buttons (10, 20)
- 23 DISC SKIP button (9)
- 24 PROGRAM button (9)
- 25 CLEAR button (9)
- 26 EDIT button (14)
- 27 DECK SELECT button (12)
- 28 PRESET EQ button (17)
- 29 P-FILE button (18)
- 30 VOL (volume) buttons (7, 17, 19)

SECTION 3 DISASSEMBLY

Note : Follow the disassembly procedure in the numerical order given.

3-1. CASE



3-2. BACK PANEL

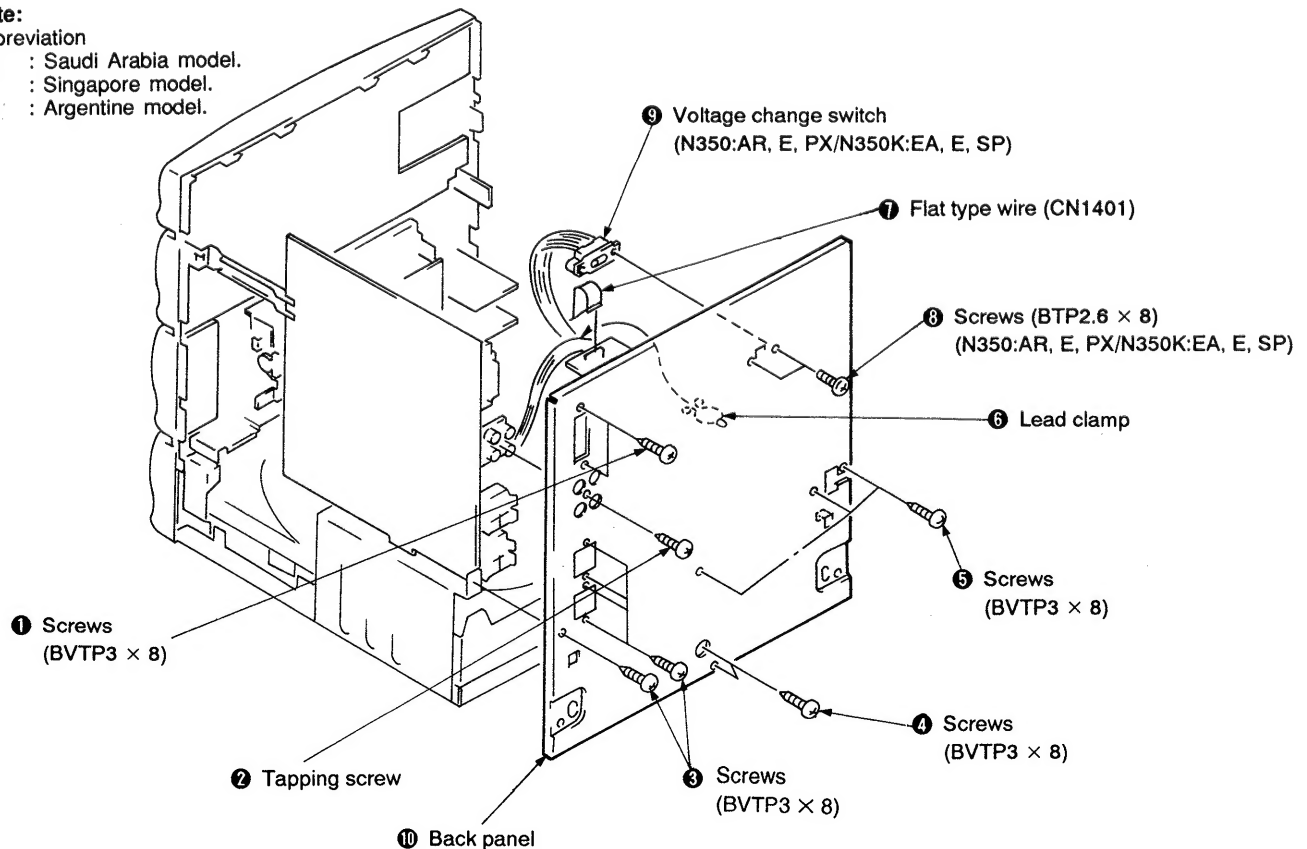
Note:

Abbreviation

EA : Saudi Arabia model.

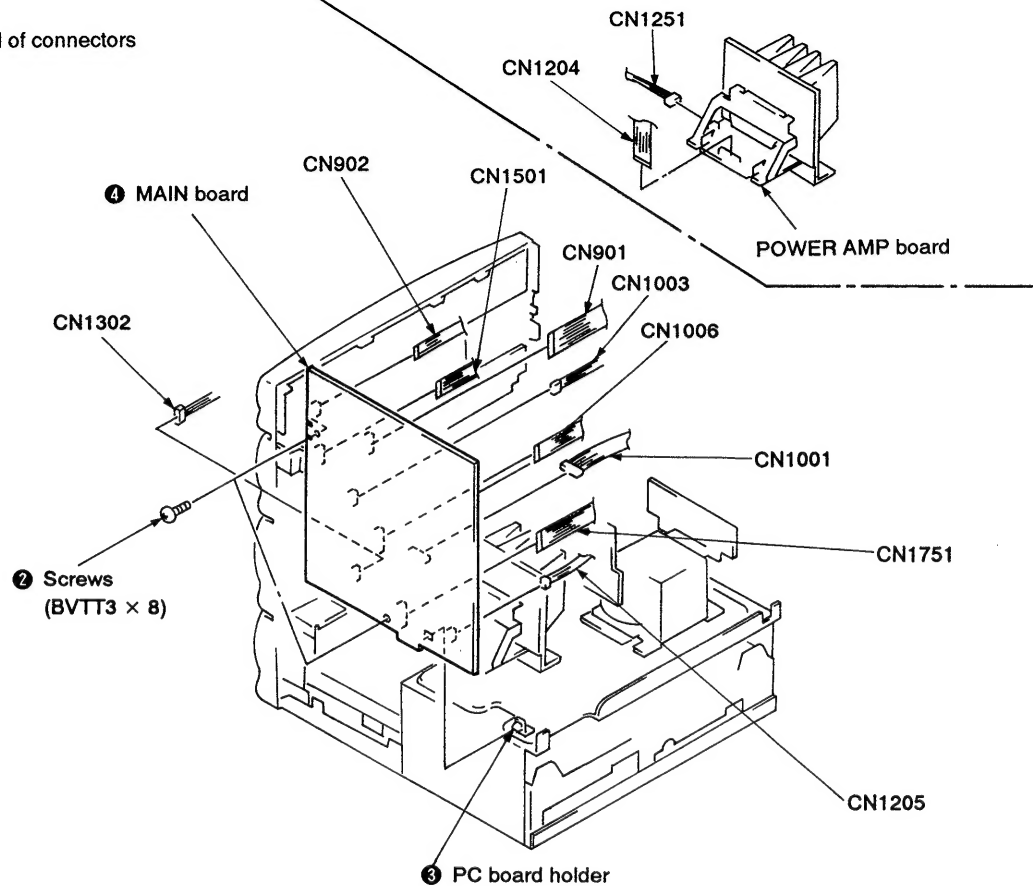
SP : Singapore model.

AR : Argentine model.

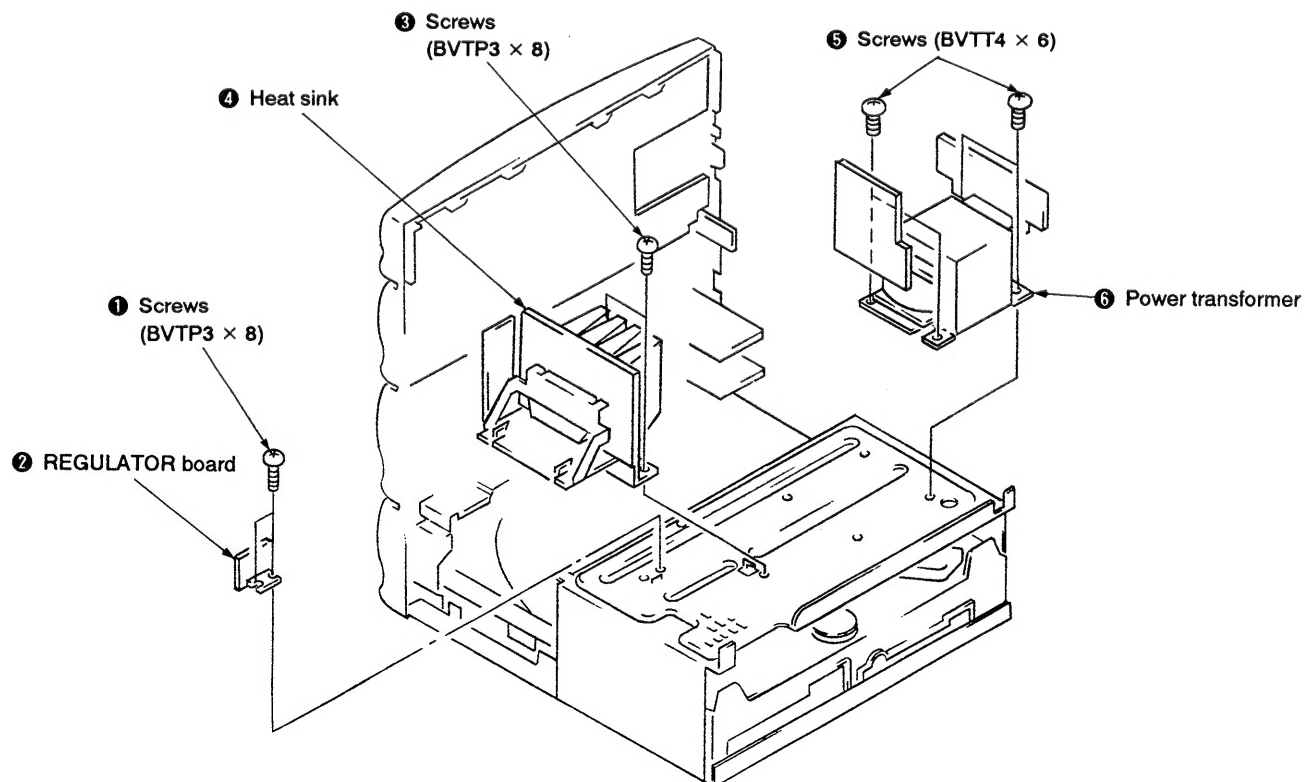


3-3. MAIN BOARD

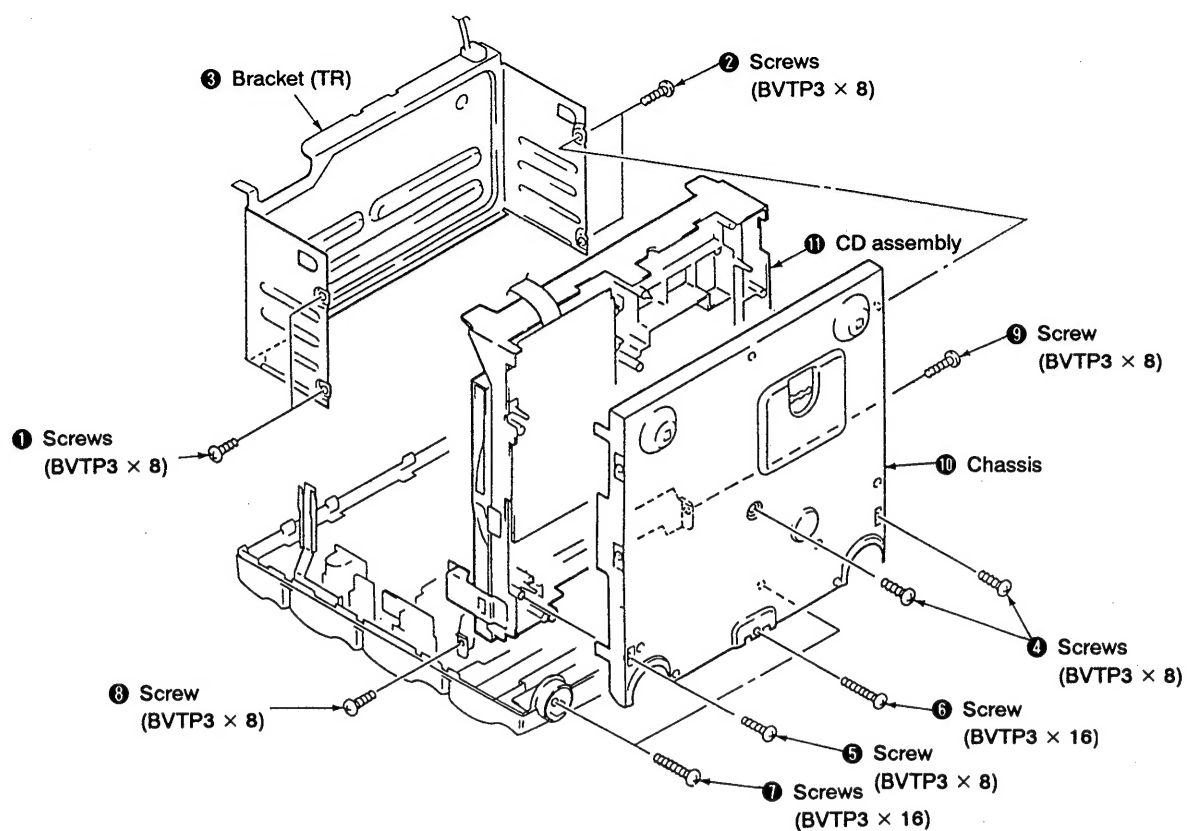
① Removal of connectors



3-4. POWER TRANSFORMER

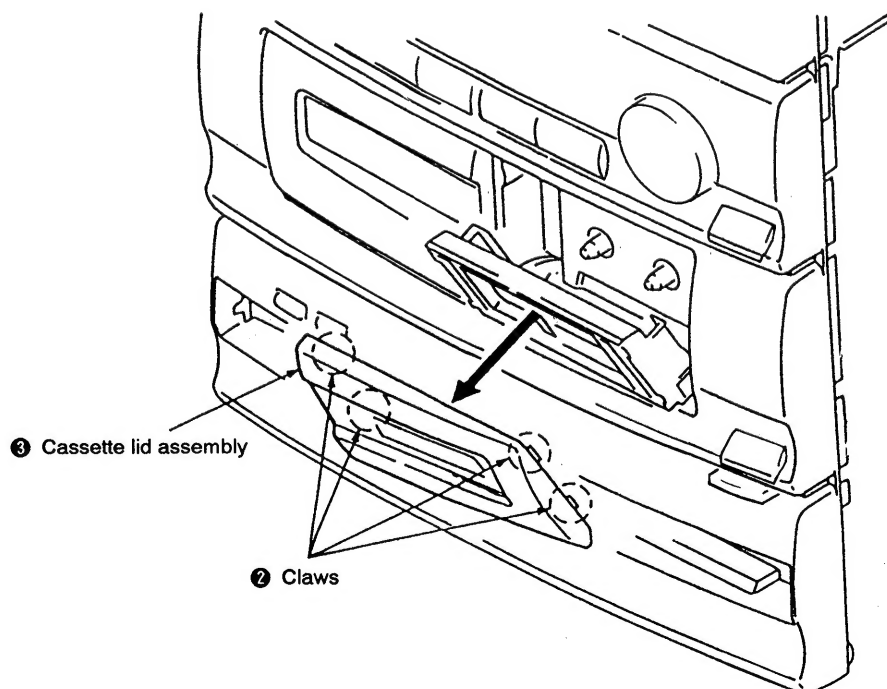


3-5. CD ASSEMBLY

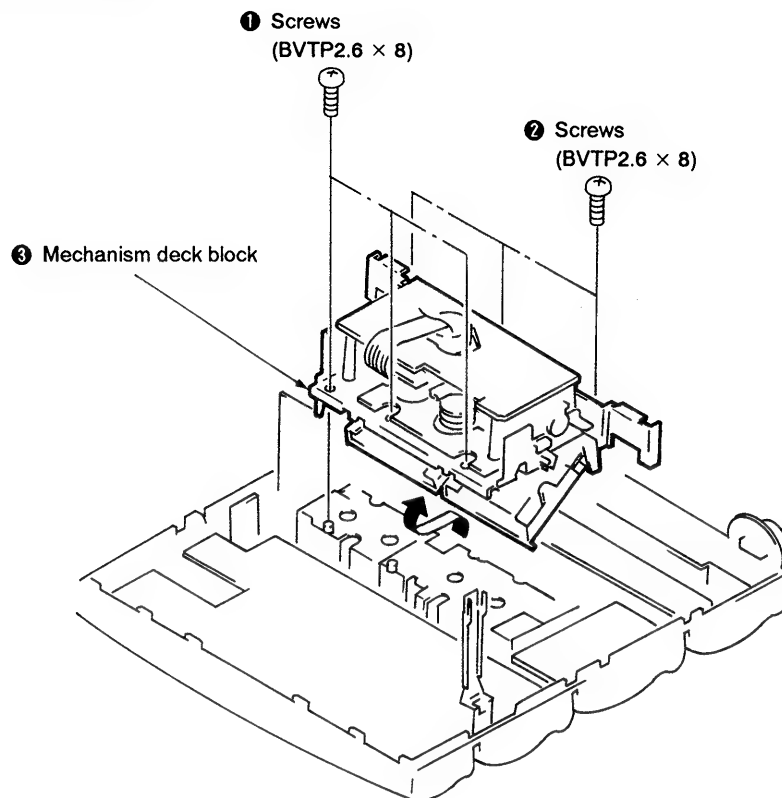


3-6. CASSETTE LID ASSEMBLY

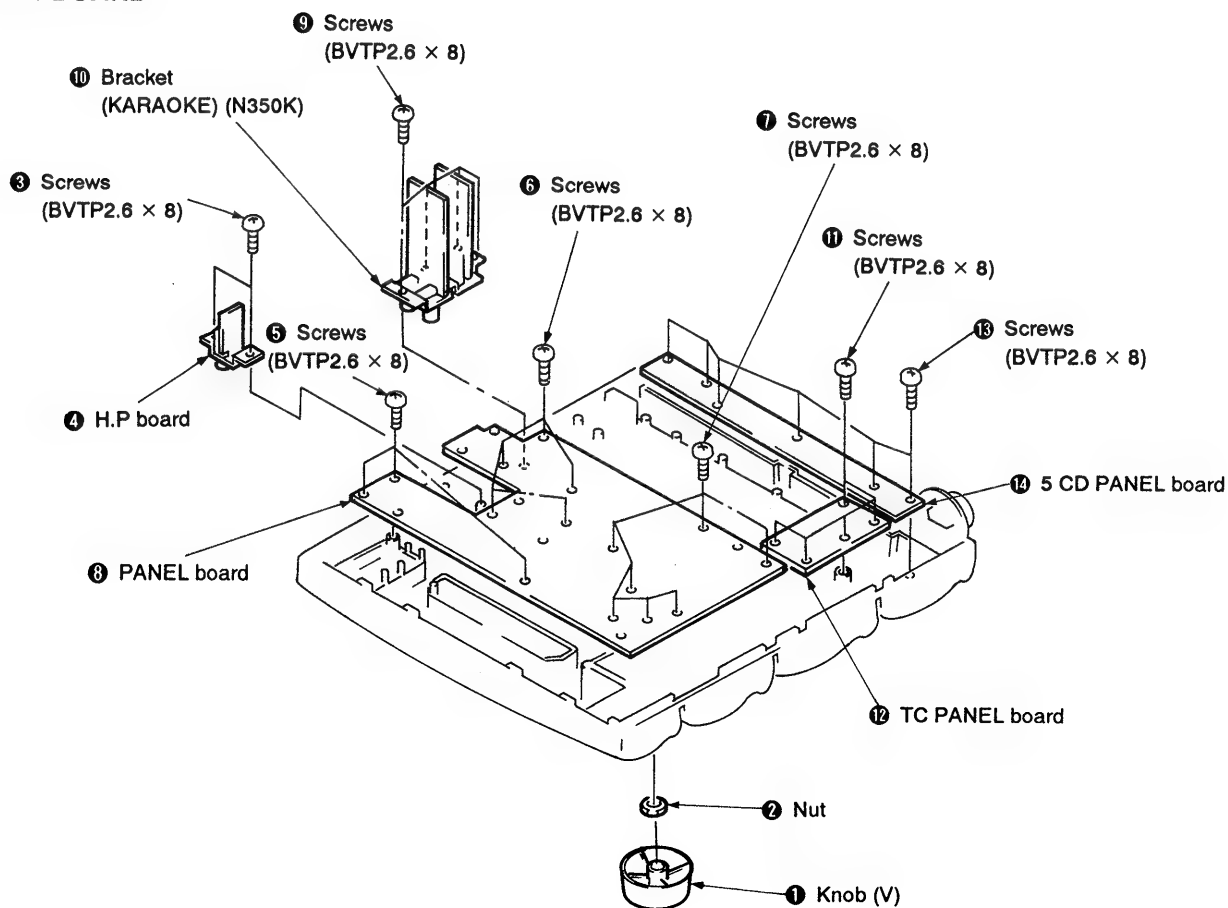
- ① Push the EJECT button.



3-7. MECHANISM DECK BLOCK

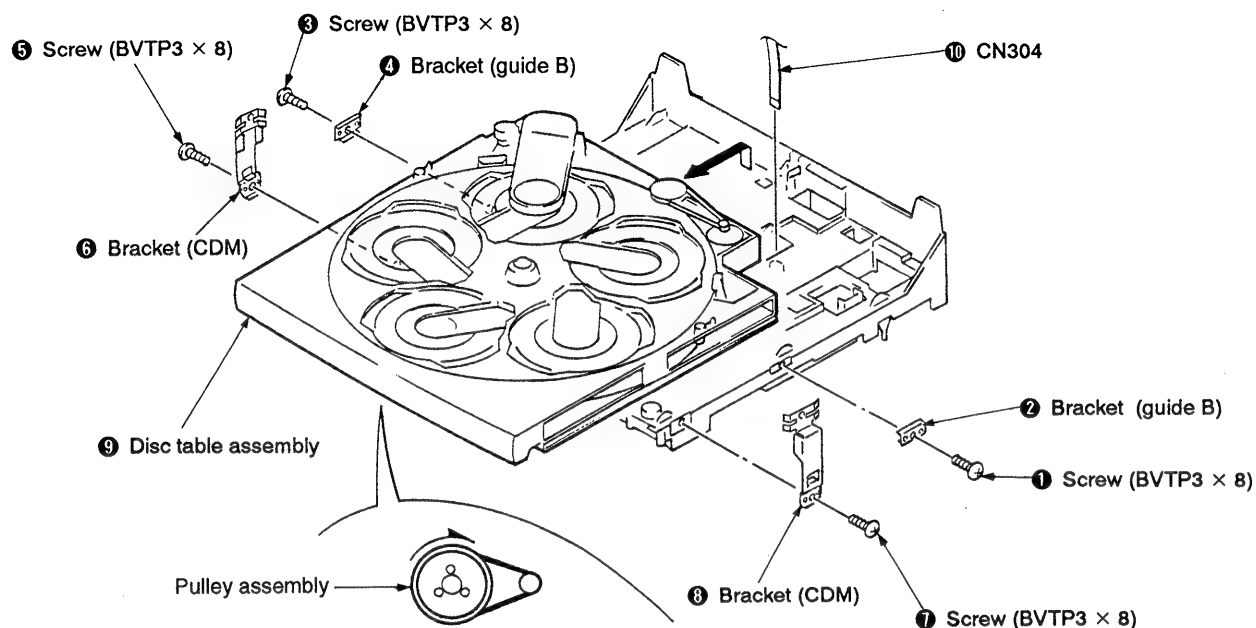


3-8. PANEL BOARD



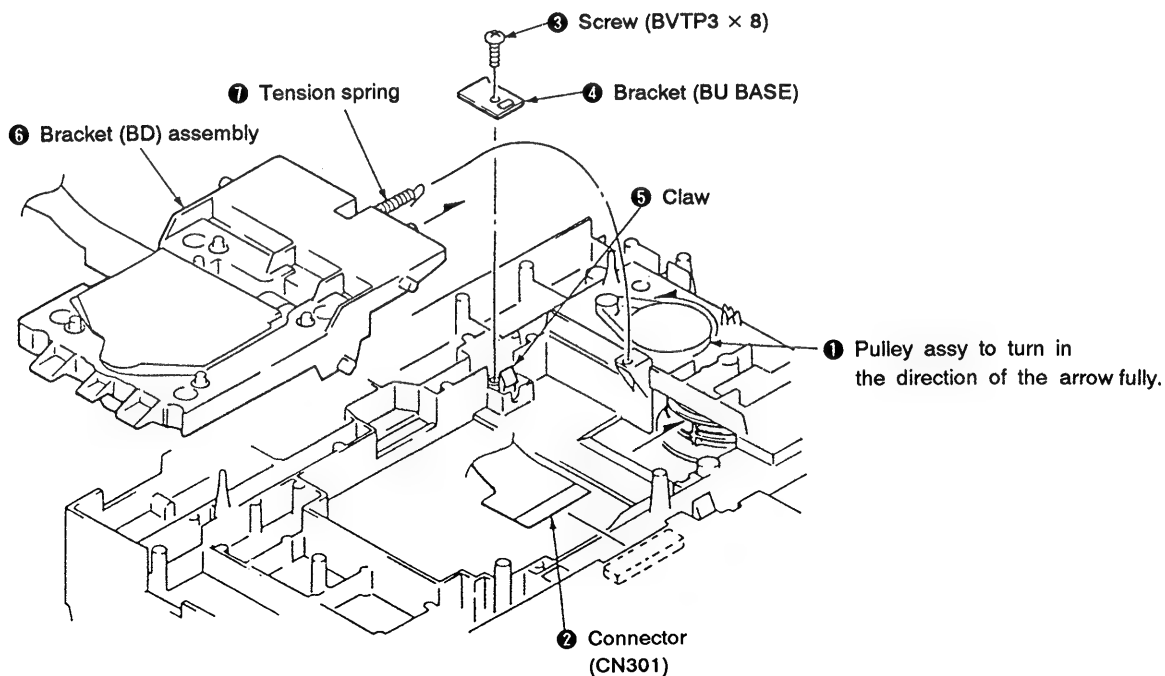
3-9. DISC TABLE ASSEMBLY

Note on assembly : Turn the pulley assy in the direction of the arrow.
Down the bracket (BD) assy, and assembly the disc table assy.



3-10. BRACKET (BD) ASSEMBLY

Note on assembly : Set to the arrow portion of gear (loading A) for shaft (CAM).



SECTION 4 MECHANICAL ADJUSTMENTS

PRECAUTION

1. Clean the following parts with a denatured alcohol-moistened swab :

record/playback heads	pinch rollers
erase head	rubber belts
capstan	idlers
2. Demagnetize the record/playback head with a head demagnetizer.
3. Do not use a magnetized screwdriver for the adjustments.
4. After the adjustments, apply suitable locking compound to the parts adjusted.
5. The adjustments should be performed with the rated power supply voltage unless otherwise noted.

Torque Mesurement

Torque	Torque meter	Meter reading
FWD	CQ-102C	36 to 61g • cm
FWD back tension	CQ-102C	2 to 6g • cm
REV	CQ-102RC	36 to 61g • cm
REV back tension	CQ-102RC	2 to 6g • cm
FF/REW	CQ-201B	61 to 143g • cm
FWD tension	CQ-403A	1kg • cm or more
REV tension	CQ-403R	1kg • cm or more

SECTION 5 ELECTRICAL ADJUSTMENTS

DECK SECTION

0 dB=0.775V

1. Demagnetize the record/playback head with a head demagnetizer. (Do not bring the head demagnetizer close to the erase head.)
2. Do not use a magnetized screwdriver for the adjustments.
3. After the adjustments, apply suitable locking compound to the parts adjusted.
4. The adjustments should be performed with the rated power supply voltage unless otherwise noted.
5. The adjustments should be performed in the order given in this service manual. (As a general rule, playback circuit adjustment should be completed before performing recording circuit adjustment.)
6. The adjustments should be performed for both L-CH and R-ch.
7. Switches and controls should be set as follows unless otherwise specified.
 TAPE SELECT switch : TAPE I
 DOLBY NR switch : OFF (Except E model)
8. Set to test mode. (Press key switch sometime **DISPLAY**, **FUNCTION** and **POPS/2** button.)

Tape	Signal	Used for
P-4-A100	10 kHz, -10 dB	Azimuth Adjustment
WS-48B	3 kHz, 0 dB	Tape Speed Adjustment
P-4-L300	315 Hz, 0 dB	Level Adjustment

Record/Playback Head Azimuth Adjustment

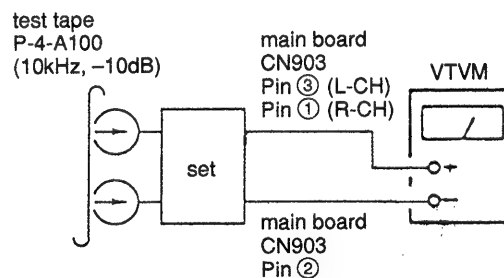
DECK A

DECK B

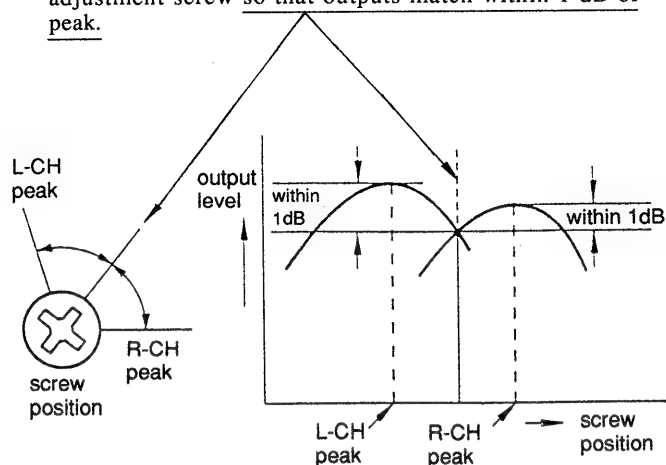
Note : Perform this adjustments for both decks.

Procedure :

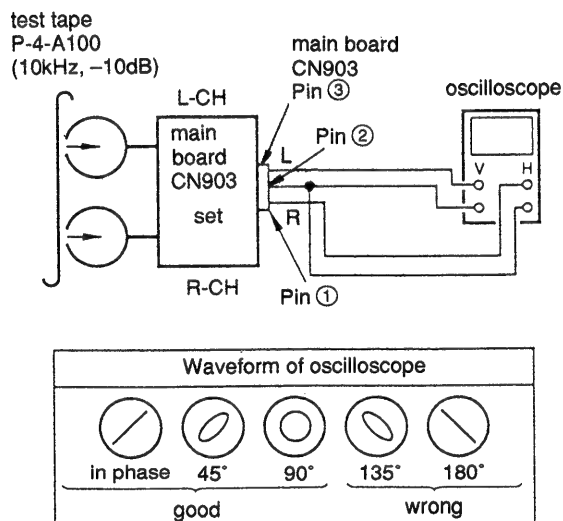
1. Mode : Playback (FWD)



- Turn the adjustment screw and check output peaks. If the peaks do not match for L-CH and R-CH, turn the adjustment screw so that outputs match within 1 dB of peak.

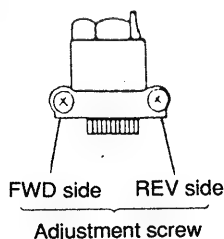


- Mode : Playback (FWD)



- Repeat steps 1 to 3 in playback (REV) mode.
- After the adjustments, apply suitable locking compound to the parts adjusted.

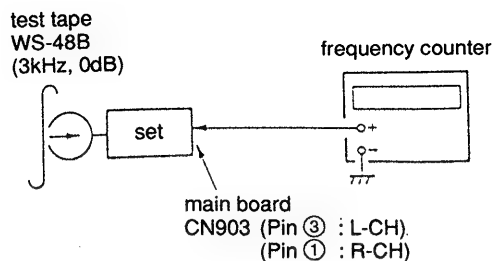
Adjustment Location : Record/Playback Head (Deck A and B)



Tape Speed Adjustment DECK A DECK B

Procedure :

Mode : Playback (FWD)



High speed adjustment

- Press the HIGH SPEED DUBBING button in playback mode. Then at HIGH speed mode.
- Adjust RV652 on the MD board so that the frequency counter reads $6,000 \pm 30$ Hz.

Normal speed adjustment

- Set to the playback mode.
- Adjust RV651 on the MD board so that the frequency counter reads $3,000 \pm 15$ Hz.

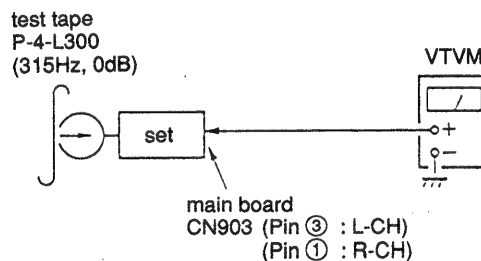
Frequency difference between deck A and deck B the beginning of the tape should be within $\pm 1.5\%$.

Adjustment Location : MD board

Playback Level Adjustment DECK A DECK B

Procedure :

Mode : Playback (FWD)



Deck A in RV311(L-CH) and RV411(R-CH), deck B is RV301(L-CH) and RV401(R-CH) so that the adjustment within adjustable limits as follows.

Adjustable limits :

CN903 PB level: 301.5 to 338.3 mV (-8.2 to -7.2 dB)

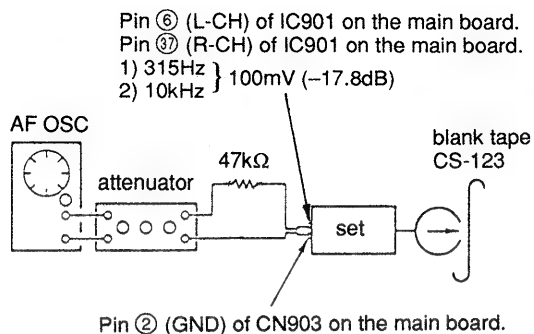
level difference between the channels: within ± 0.5 dB

Adjust Location : MD and main boards

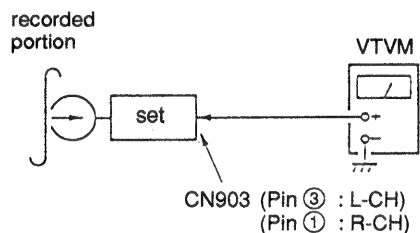
Record Bias Current Adjustment **DECK B**

Procedure :

1. Mode : record



2. Mode : Playback



Confirm playback the signal recorded in step 1 become adjustable limits as follows.

If these levels do not adjustable limits, adjustment the RV341 (L-CH) and RV441 (R-CH) on the MD board to repeat steps 1 and 2.

Adjustable limits : Playback output of 315 Hz to playback output of 10 kHz : 0 ± 0.5 dB

Adjustment Location : MD and main boards

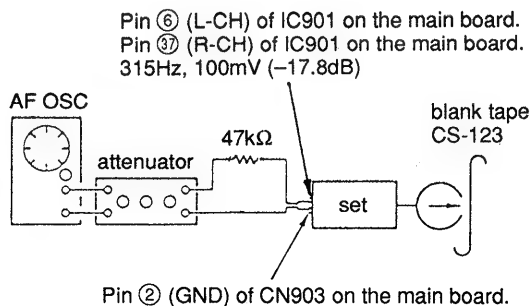
Record Level Adjustment **DECK B**

Setting :

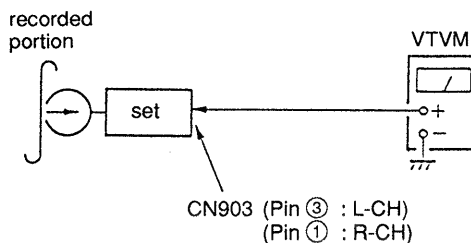
TAPE SELECT switch : TYPE I

Procedure :

1. Mode: record



2. Mode: Playback



Confirm playback the signal recorded in step 1 become adjustable limits as follows.

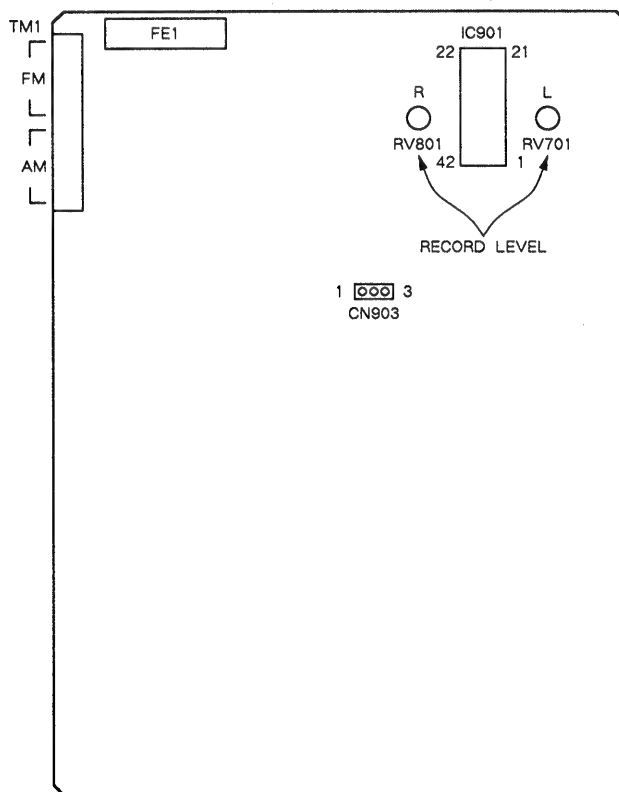
If these levels do not adjustable limits, adjustment the RV701 (L-CH) and RV801 (R-CH) on the main board to repeat steps 1 and 2.

Adjustable limits :

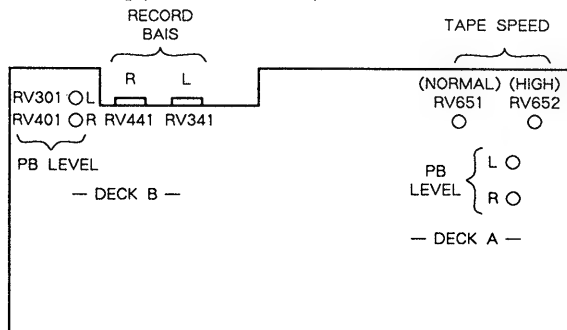
CN903 PB level : 47.3 to 53.1 mV (-24.3 to -23.3 dB)

Adjustment Location : main board

[MAIN BOARD] (Component Side)



[MD BOARD] (Conductor Side)



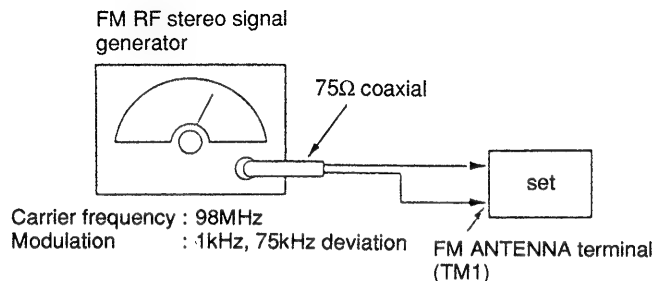
TUNER SECTION

0dB=1μV

Note : As a front-end (FE1) is difficult to repair if faulty, replace it with new one.

FM Section Adjustment

Setting :



FM Tuned Level Adjustment

Band : FM

Procedure :

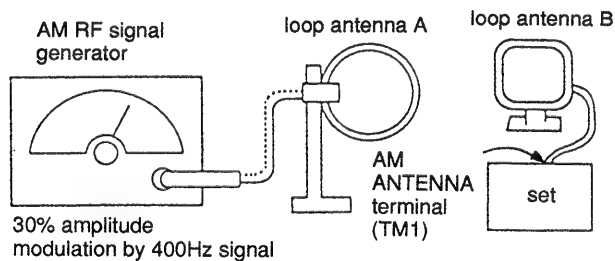
1. Supply a 17.8 μV (25dBμ) 98 MHz signal from the ANTENNA terminal.
2. Tune the set to 98 MHz.
3. Adjust RV2 so that the TUNED indicator goes on.

Adjustment Location : main board

- Repeat the procedures in each adjustment several times, and the frequency coverage and tracking adjustments should be finally done by trimmer capacitors.

AM Section Adjustment

Setting :



AM Tuner Level Adjustment

Band : AM

Procedure :

1. Set loop antenna A so that the loop antenna B input level becomes 316 μV (50 dBμ).
2. Tune the set to 1050kHz.
3. Adjust RV1 so that the TUNED indicator goes on.

Adjustment Location : main board

SW OSC Voltage Adjustment

(Saudi Arabia Model Only)

BAND SELECT : SW

Procedure :

1. Connect the VOM to JW11.
2. Tune the set to 5.95MHz.
3. Adjust T2 for 0.9 to 1.1V reading on the VOM.
4. Tune the set to 17.90MHz.
5. Adjust CT2 for 8.3 to 8.7V reading on the VOM.

SW Tracking Adjustment

(Saudi Arabia Model Only)

BAND SELECT : SW

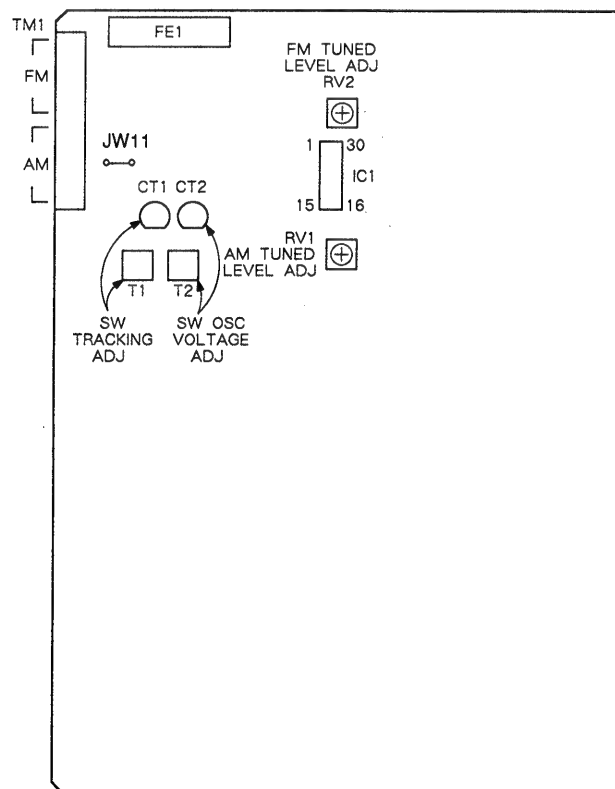
Procedure :

1. Connect the VOM to speaker terminal.
2. Adjust for a maximum reading on VOM.

Signal generator and Set frequency	Adjustment part
7.0MHz	T1
17.0MHz	CT1

Adjustment Location : main board

[MAIN BOARD] (Component Side)

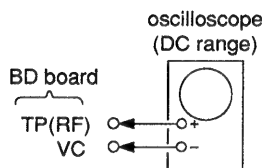


CD SECTION

Note :

1. CD Block is basically designed to operate without adjustment. Therefore, check each item in order given.
2. Use YEDS-18 disc (3-702-101-01) unless otherwise indicated.
3. Use an oscilloscope with more than $10M\Omega$ impedance.
4. Clean the object lens by an applicator with neutral detergent when the signal level is low than specified value with the following checks.
5. Adjust the focus bias adjustment when optical block is replaced.

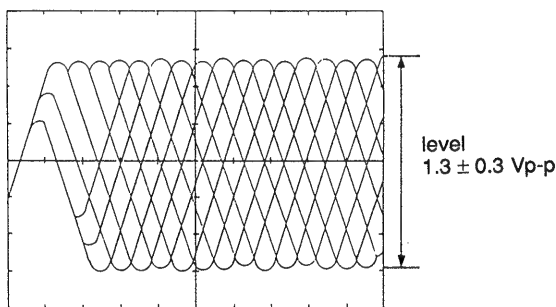
Focus Bias Adjustment



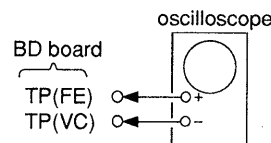
Procedure:

1. Connect oscilloscope to test point TP (RF). (GND terminal : VC)
2. Turned Power switch on.
3. Put disc (YEDS-18) in and playback.
4. Adjust RV101 so that the waveform is clear.
(Clear RF signal waveform means that the shape "◇" can be clearly distinguished at the center of the waveform.)
5. After adjustment, check the RF signal level.

• RF signal
VOLT/DIV : 200 mV
TIME/DIV : 500 nS



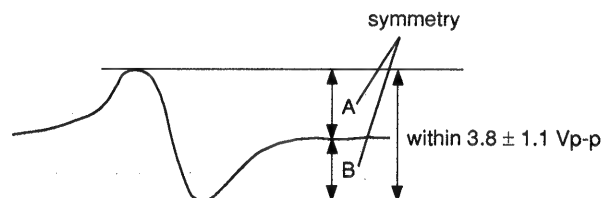
S Curve Check



Procedure :

1. Connect oscilloscope to test point TP (FEO).
2. Connect between test point TP (FOK) and GND by lead wire.
3. Turn Power switch on.
4. Put disc (YEDS-18) in and turned Power switch on again and actuate the focus search. (actuate the focus search when disc table is moving in and out.)
5. Check the oscilloscope waveform (S-curve) is symmetrical between A and B. And confirm peak to peak level within 3.8 ± 1.1 Vp-p.

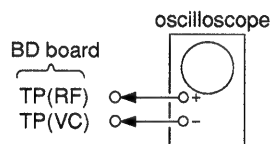
S-curve waveform



6. After check, remove the lead wire connected in step 2.

Note : • Try to measure several times to make sure than the ratio of A : B or B : A is more than 10 : 7.
• Take sweep time as long as possible and light up the brightness to obtain best waveform.

RF Level Check



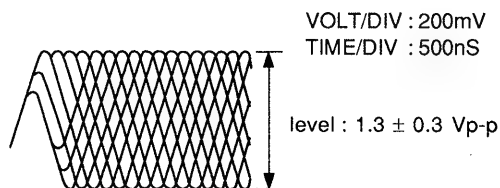
Procedure :

1. Connect oscilloscope to test point TP (RF) on BD board.
2. Turned Power switch on.
3. Put disc (YEDS-18) in and playback.
4. Confirm that oscilloscope waveform is clear and check RF signal level is correct or not.

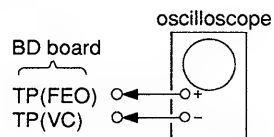
Note :

Clear RF signal waveform means that the shape "◇" can be clearly distinguished at the center of the waveform.

RF signal waveform

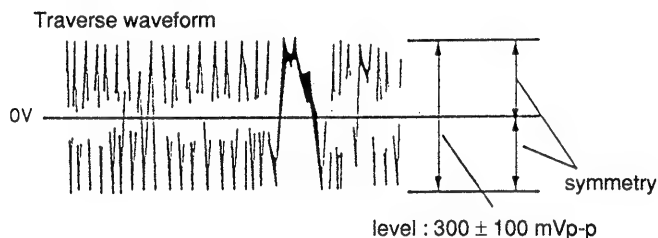


E-F Balance Check



Procedure :

1. Connect pin ⑤⑨ of IC1051 on the main board to GND with a lead wire.
2. Connect oscilloscope to test point TP (TEO).
3. Turned Power switch on.
4. Put disc (YEDS-18) in and playback.
5. Confirm that the oscilloscope waveform is symmetrical on the top and bottom in relation to 0Vdc, and check this level.



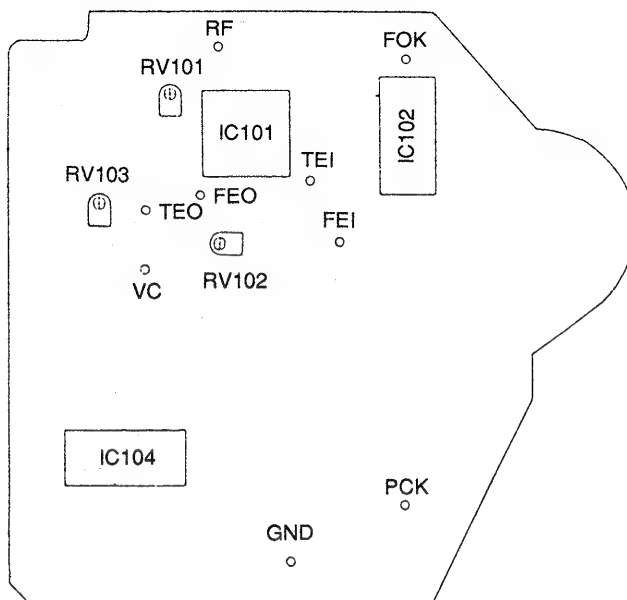
6. Remove the lead wire connected in step 1.

Focus/Tracking Gain Adjustment (RV102, RV103)

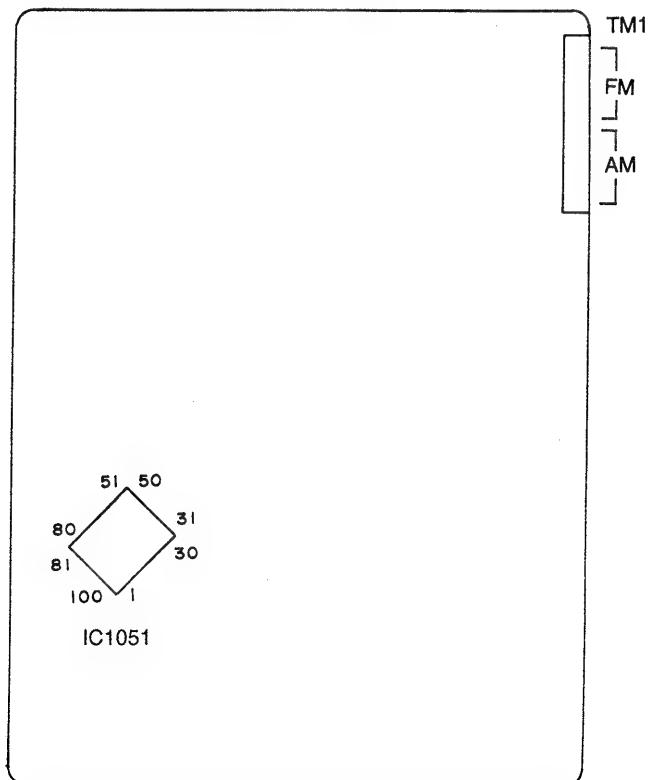
This gain has a margin, so even if it is slightly off. There is no problem. Therefore, do not perform this adjustment. Please note that it should be fixed to mechanical center position when you moved and do not know original position.

Adjustment Location :

[BD BOARD] (Conductor Side)

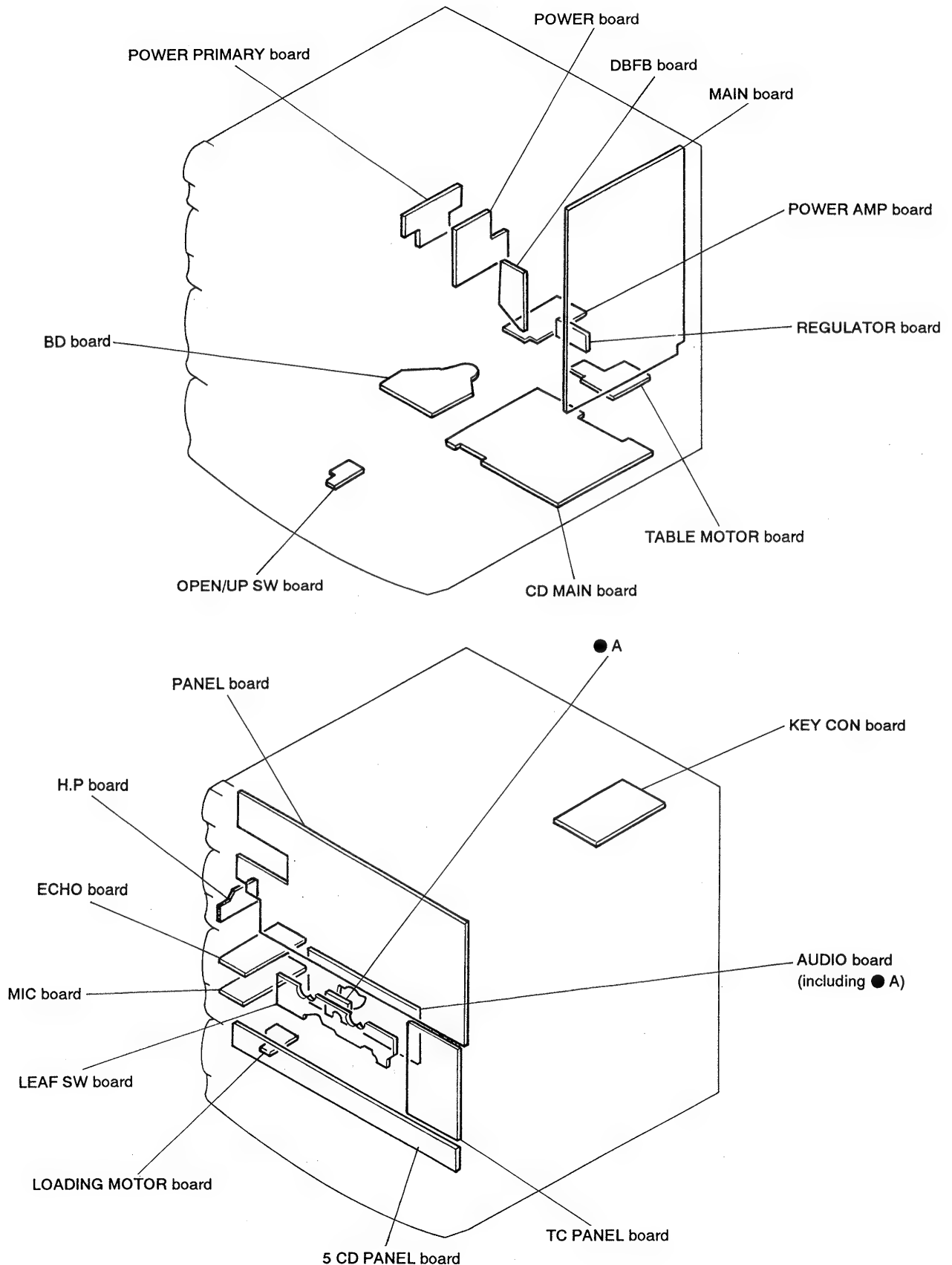


[MAIN BOARD] (Conductor Side)



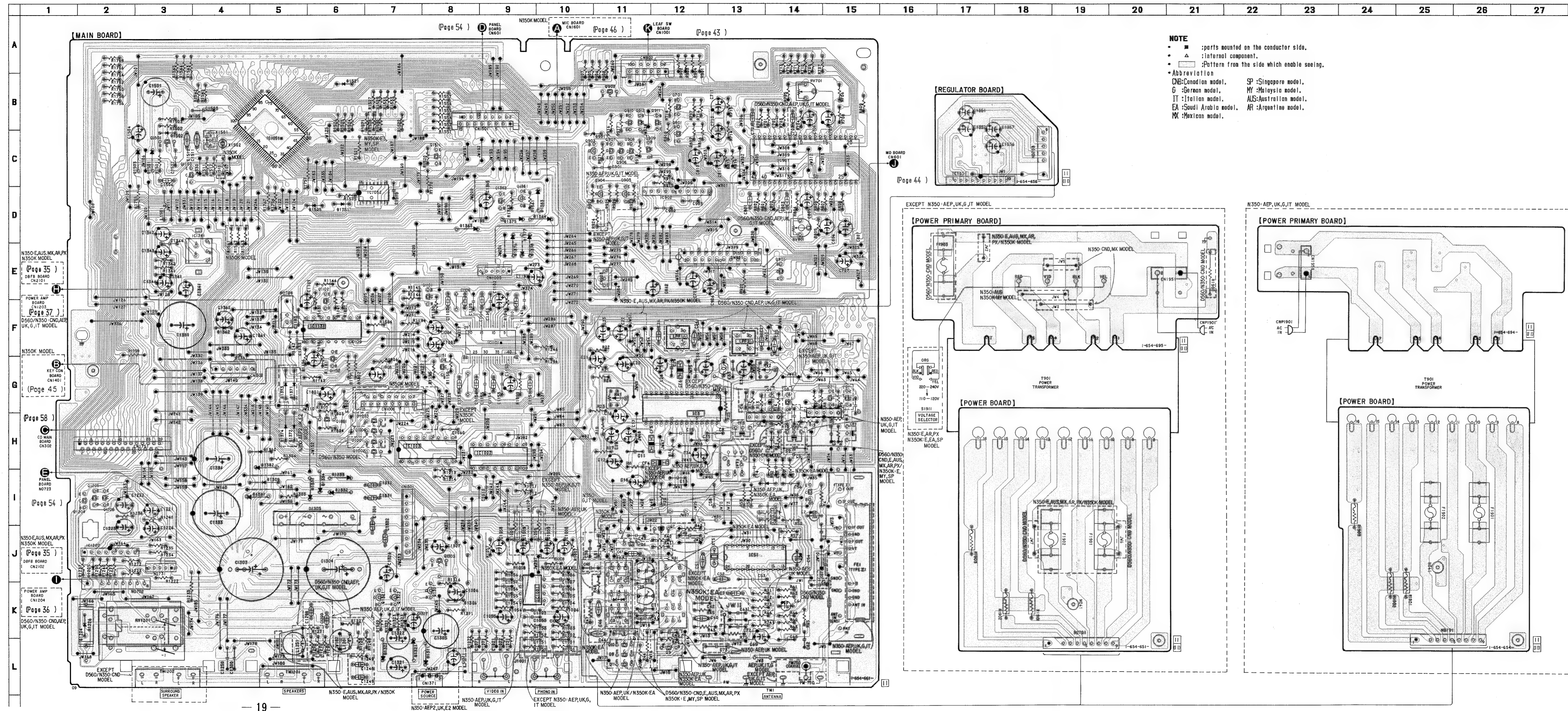
SECTION 6 DIAGRAMS

6-1. CIRCUIT BOARDS LOCATION



6-2. PRINTED WIRING BOARD — MAIN SECTION —

- See page 18 for Circuit Boards Location.
- See page 66 for Semiconductor Lead Layouts.

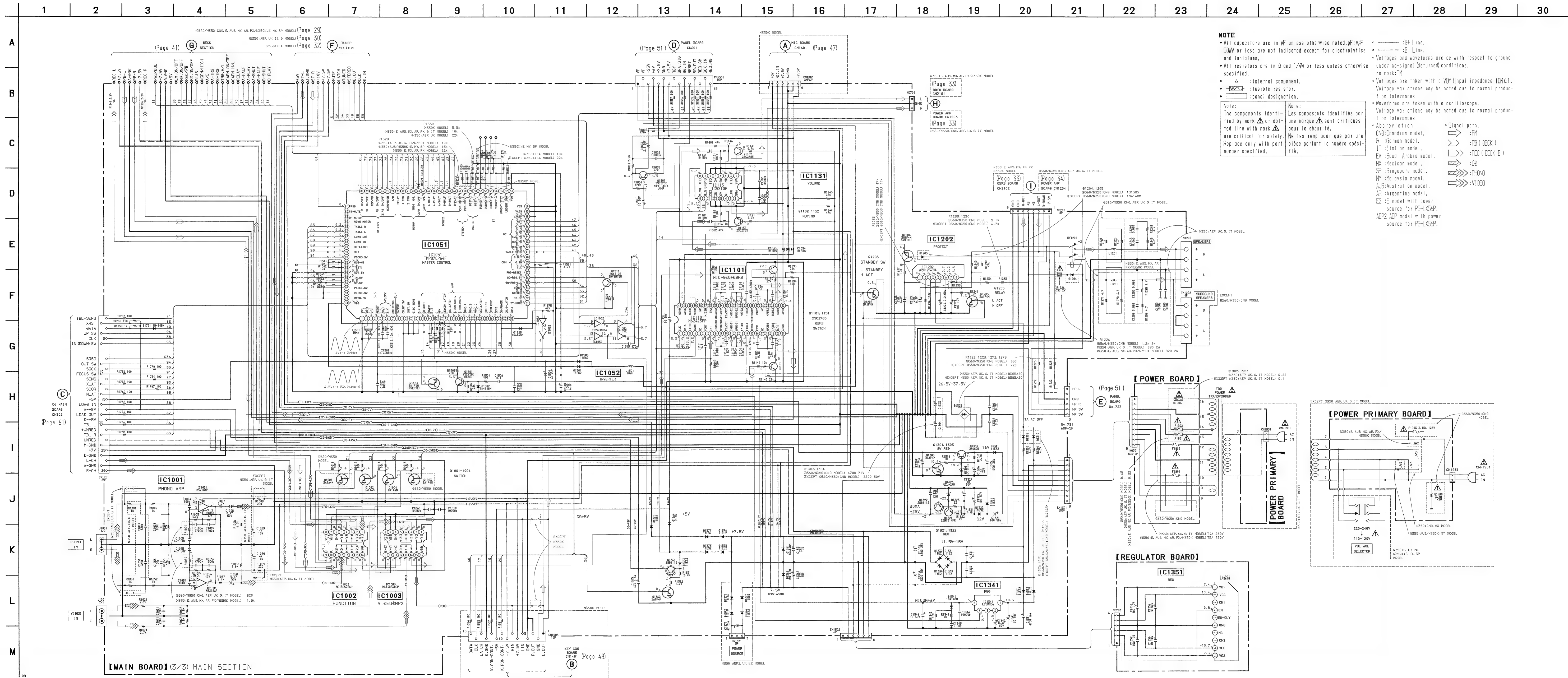


• Semiconductor Location

Ref. No.	Location	Ref. No.	Location
D1	I-14	IC1131	F-6
D5	K-11	IC1202	J-2
D901	C-11	IC1341	E-4
D1204	K-2	IC1351	C-17
D1205	J-2		
D1303	I-6	Q1	G-15
D1306	K-8	Q2	G-15
D1309	I-5	Q3	G-14
D1310	H-5	Q4	G-14
D1311	L-8	Q5	I-14
D1321	L-7	Q6	J-11
D1322	L-7	Q7	J-12
D1323	K-7	Q8	L-11
D1331	I-6	Q9	L-12
D1332	I-6	Q10	L-11
D1333	I-6	Q11	L-11
D1334	I-6	Q701	B-12
D1341	E-3	Q801	C-12
D1361	F-4	Q901	E-14
D1362	F-4	Q902	B-11
D1363	D-8	Q903	C-11
D1364	D-10	Q904	D-11
D1371	G-5	Q905	D-11
D1372	H-5	Q906	C-11
D1373	G-5	Q907	C-11
D1374	H-5	Q908	C-11
D1375	D-9	Q909	C-12
D1376	E-9	Q910	B-11
D1377	E-9	Q911	B-12
D1378	E-9	Q912	B-11
D1381	I-5	Q1001	H-7
D1382	I-5	Q1002	H-7
D1383	D-10	Q1003	H-7
D1501	C-3	Q1004	H-7
D1502	C-3	Q1101	E-8
D1503	C-3	Q1102	F-6
D1521	B-6	Q1103	C-4
D1525	D-6	Q1151	G-8
D1751	D-6	Q1152	G-6
		Q1204	I-2
IC1	G-15	Q1205	I-2
IC2	G-14	Q1206	I-2
IC3	G-12	Q1301	K-8
IC51	J-13	Q1303	J-8
IC901	C-14	Q1321	K-7
IC902	D-12	Q1322	K-7
IC1001	K-9	Q1361	D-9
IC1002	H-9	Q1362	D-9
IC1003	H-7	Q1501	C-3
IC1051	C-5	Q1511	C-8
IC1052	D-7	Q1801	H-6
IC1101	F-9		

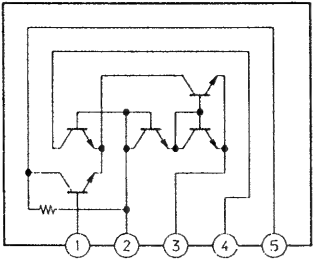
6-3. SCHEMATIC DIAGRAM — MAIN SECTION —

- See page 64 for IC Block Diagrams. (IC1002, 1003, 1101, 1131, 1202, 1351)
- See page 68 for IC Pin Functions. (IC1051)

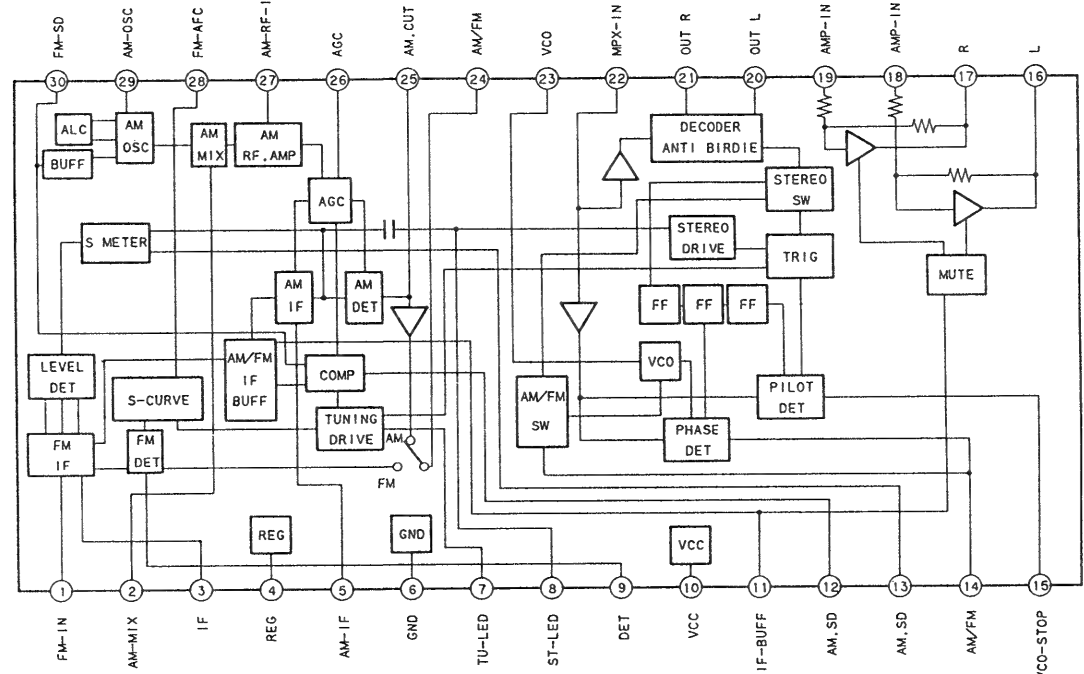


• IC Block Diagrams.

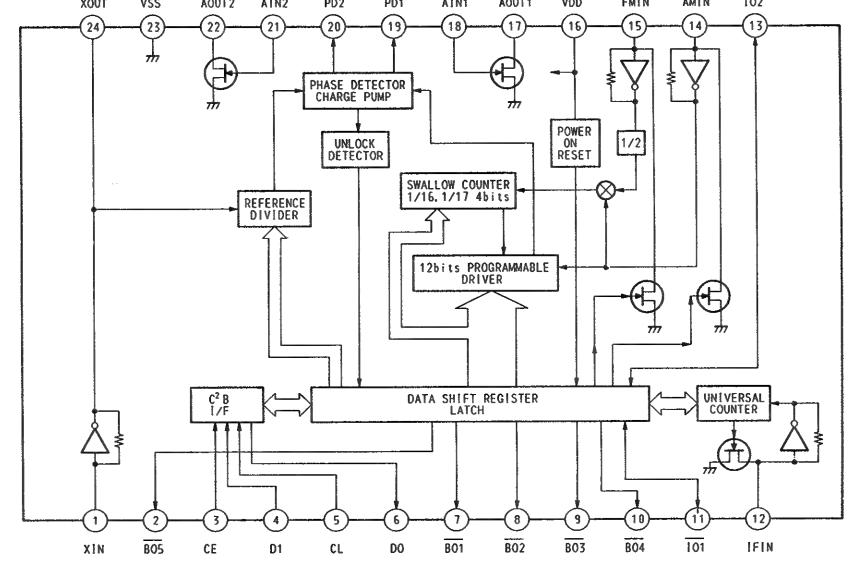
IC1, 2 TA7060AP



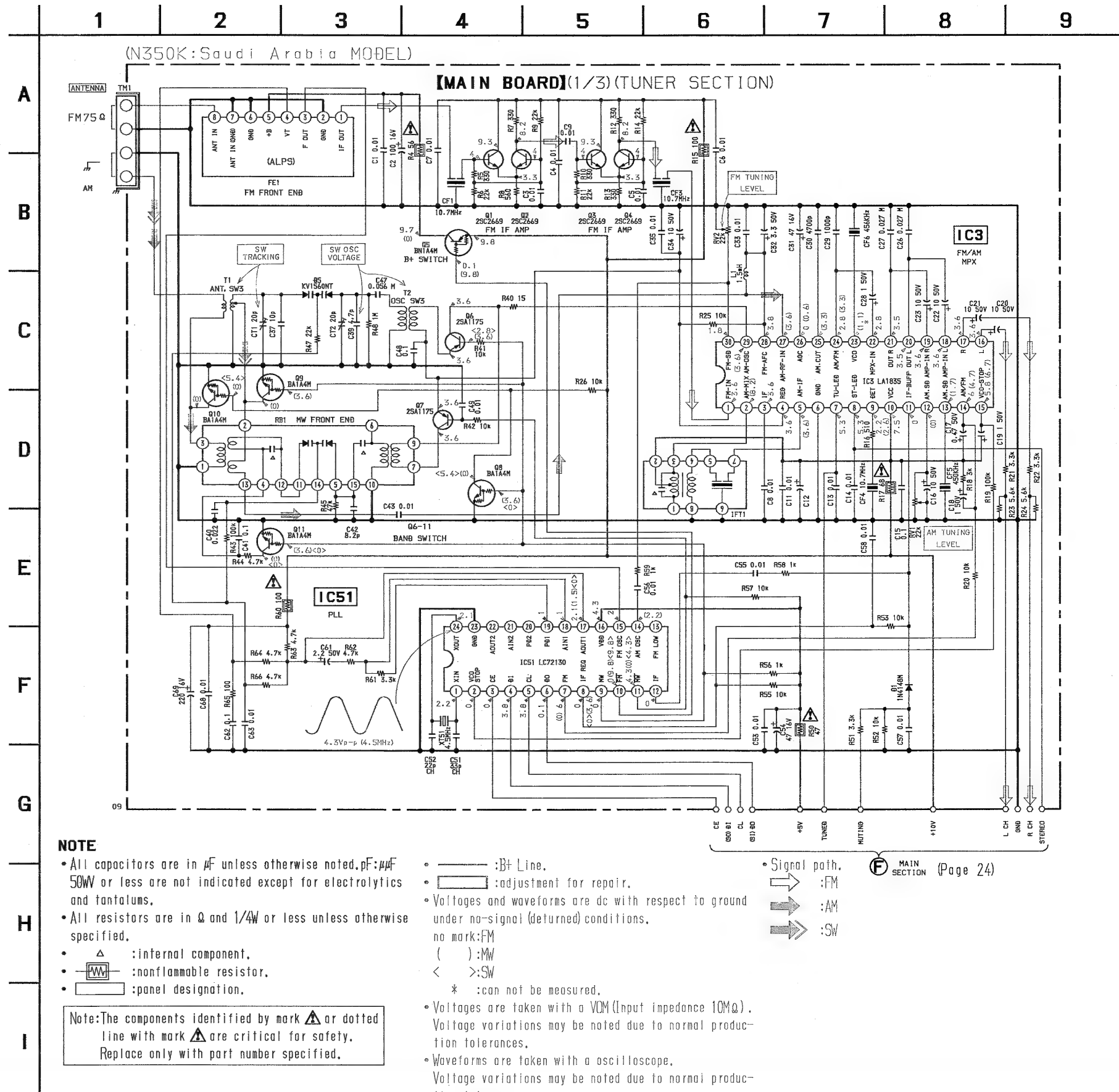
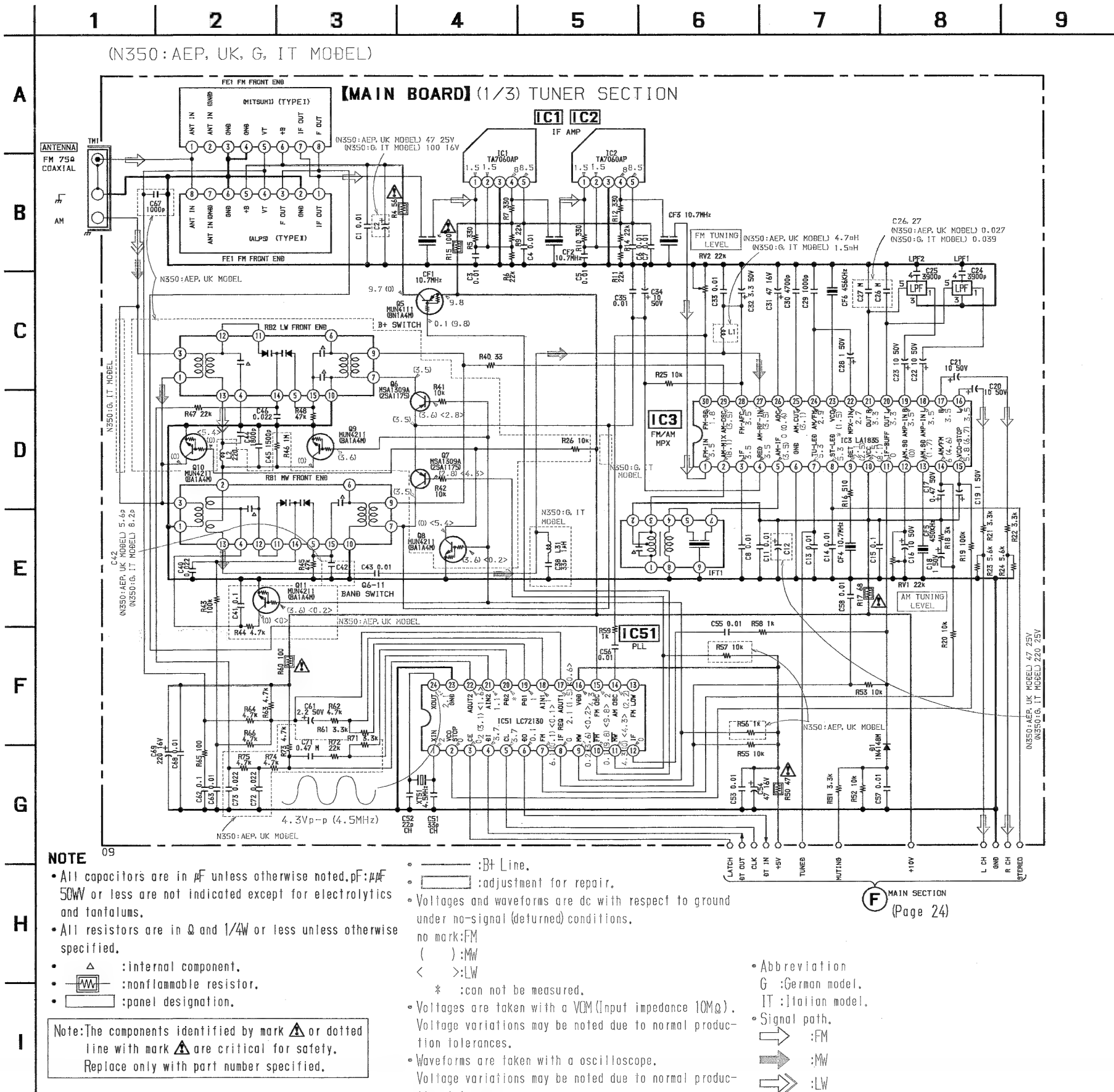
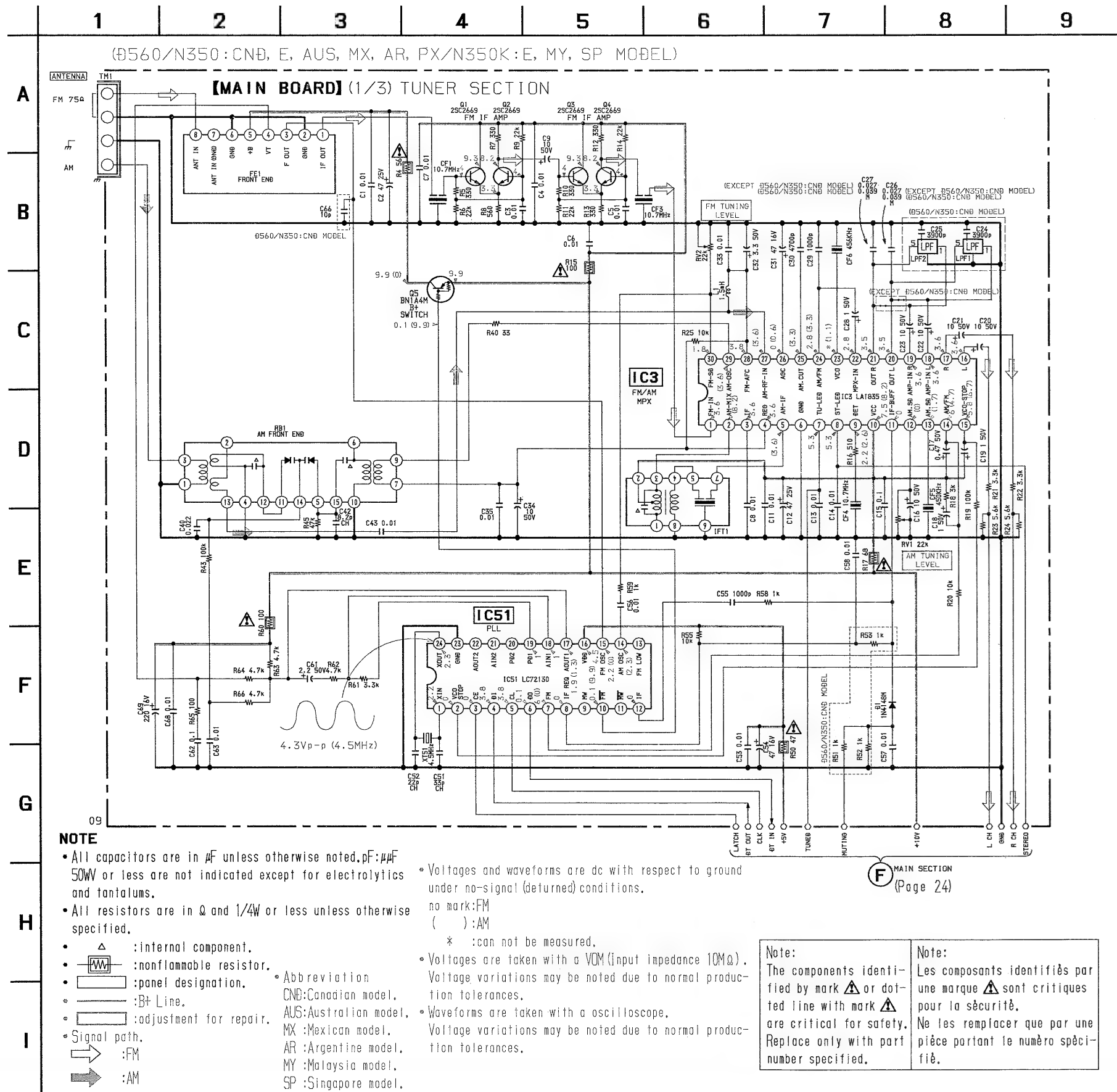
IC3 LA1835



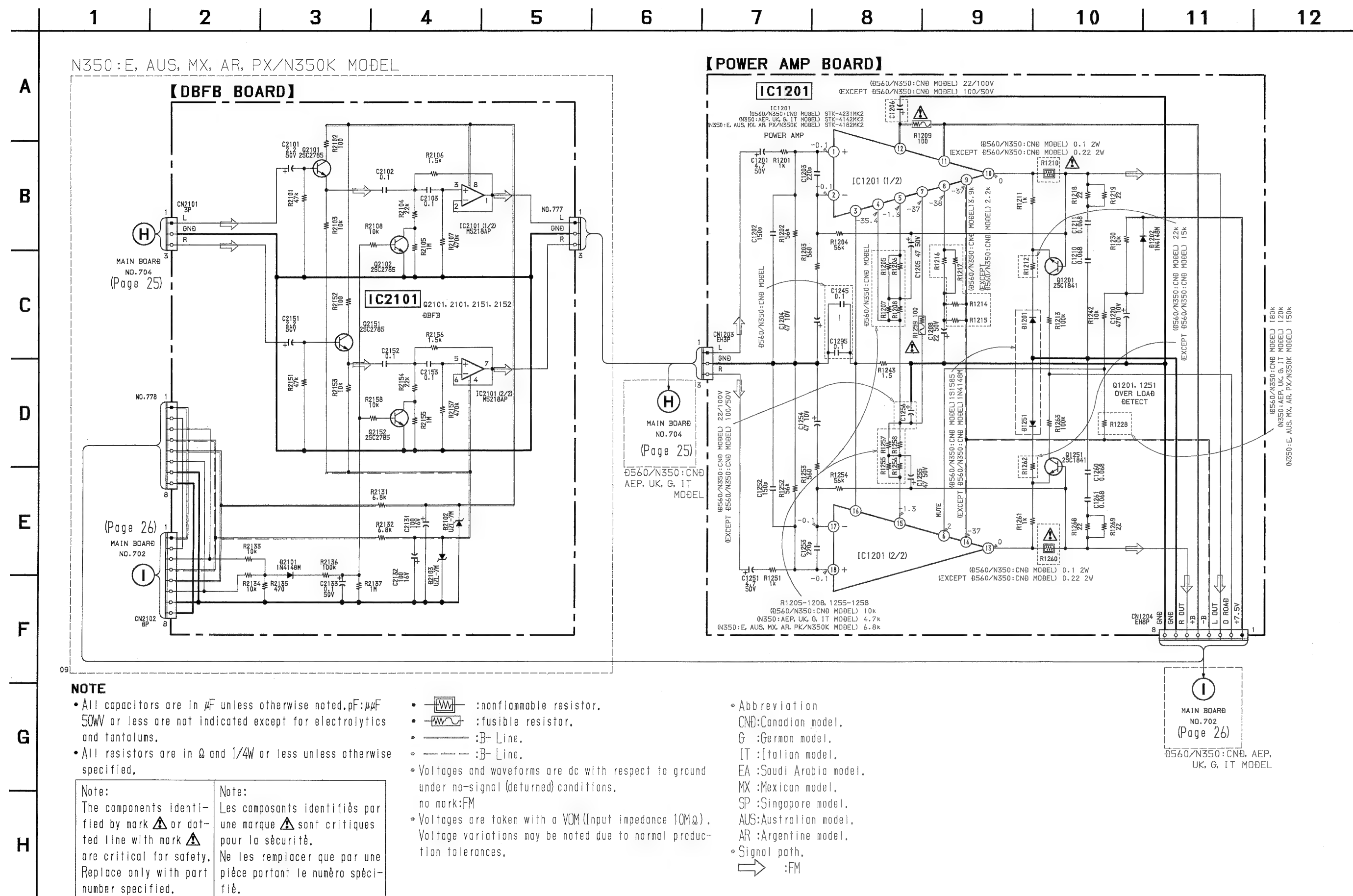
IC51 LC72130



6-4. SCHEMATIC DIAGRAM — TUNER SECTION —
• See page 19 for Printed Wiring Board (Main Board).

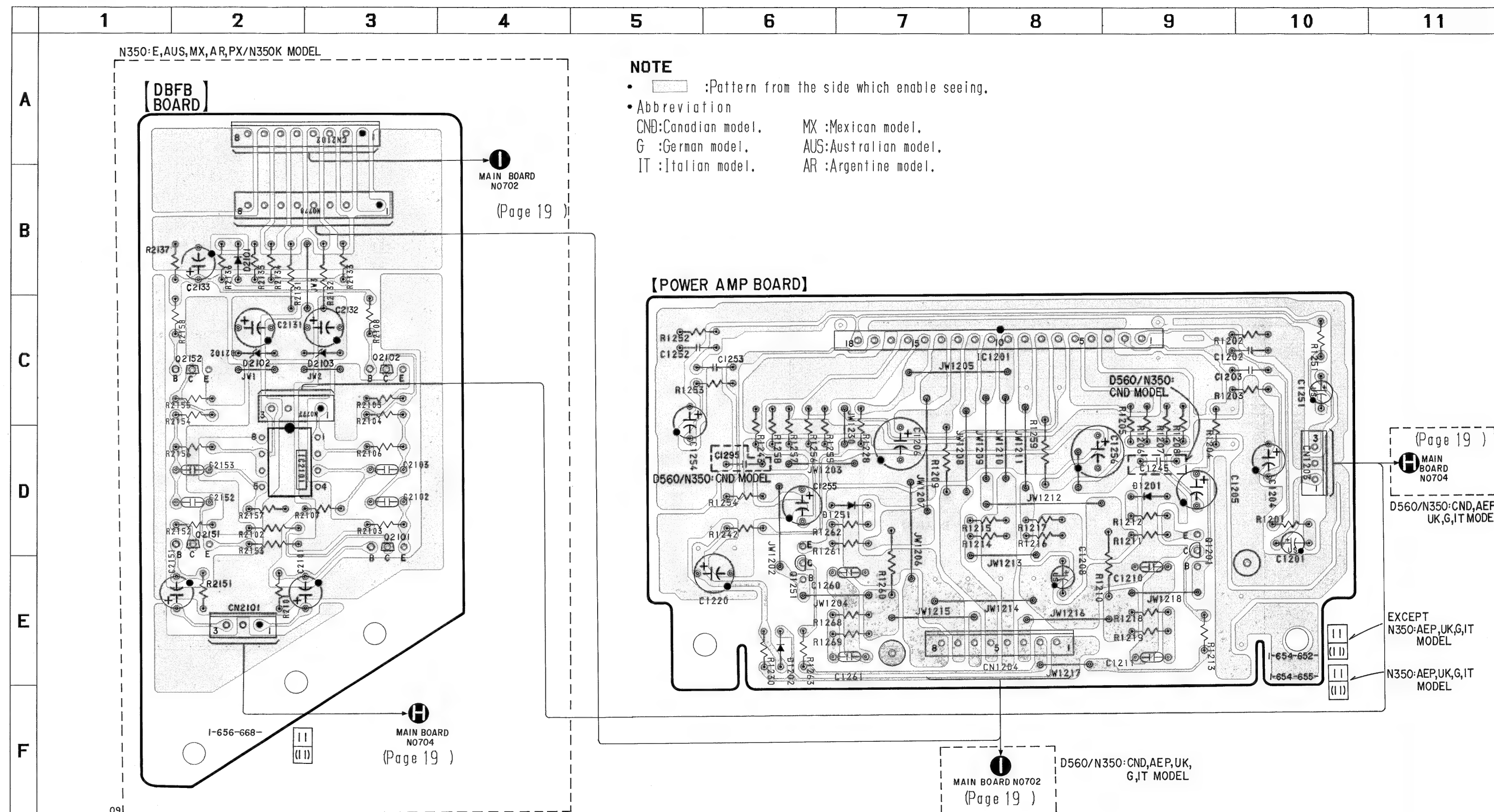


6-5. SCHEMATIC DIAGRAM — AMP SECTION —



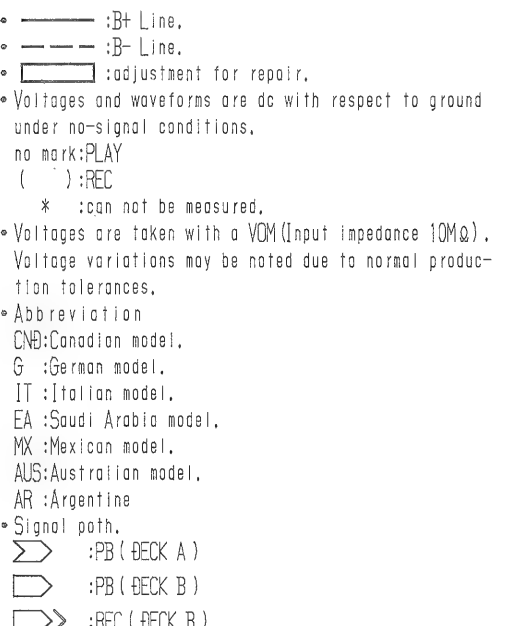
6-6. PRINTED WIRING BOARD — AMP SECTION —

- See page 18 for Circuit Boards Location.
- See page 66 for Semiconductor Lead Layouts.



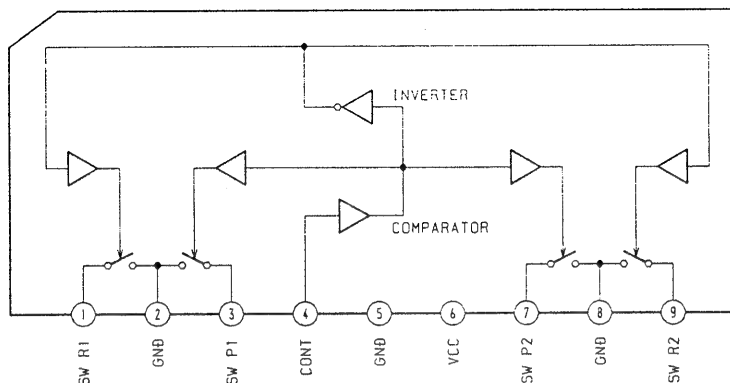
• Semiconductor Location	
Ref. No.	Location
D1201	D-9
D1202	E-6
D1251	D-7
D2101	B-2
D2102	C-2
D2103	C-3
IC1201	C-8
IC2101	D-2
Q1201	D-9
Q1251	E-6
Q2101	D-3
Q2102	C-3
Q2151	D-2
Q2152	C-2

【 MAIN BOARD 】 (2/3) (DECK SECTION)

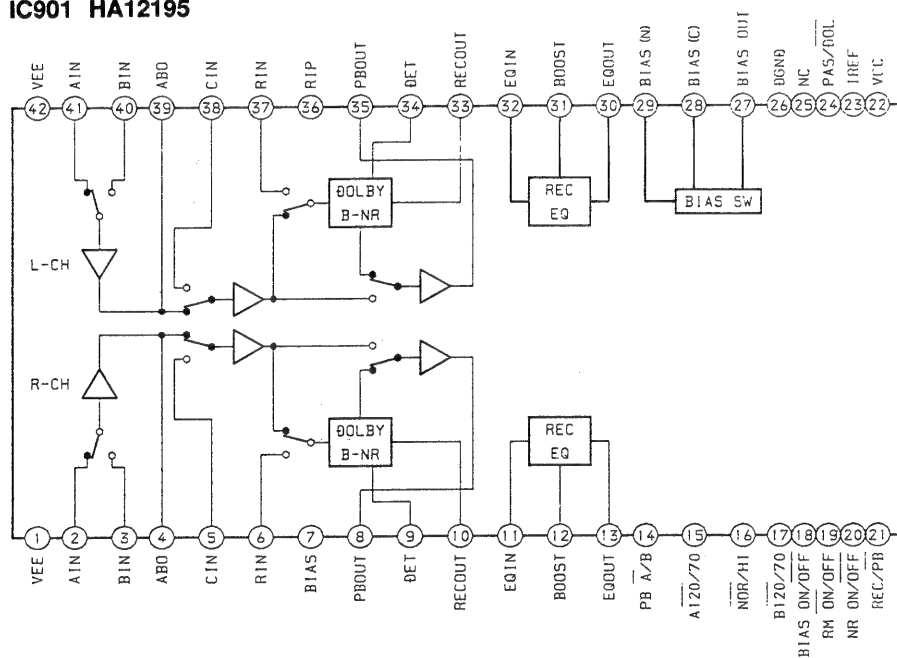


• IC Block Diagrams.

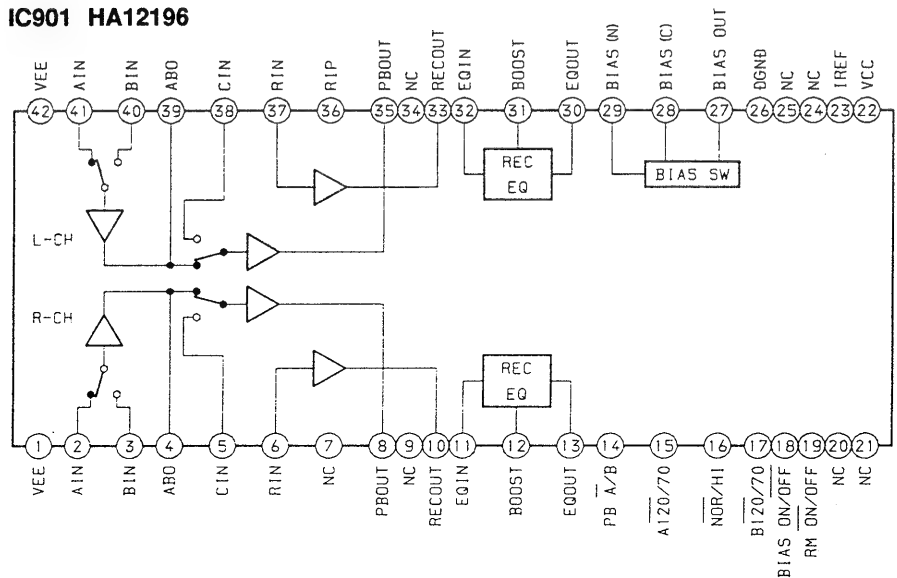
IC602 μ PC1330HA



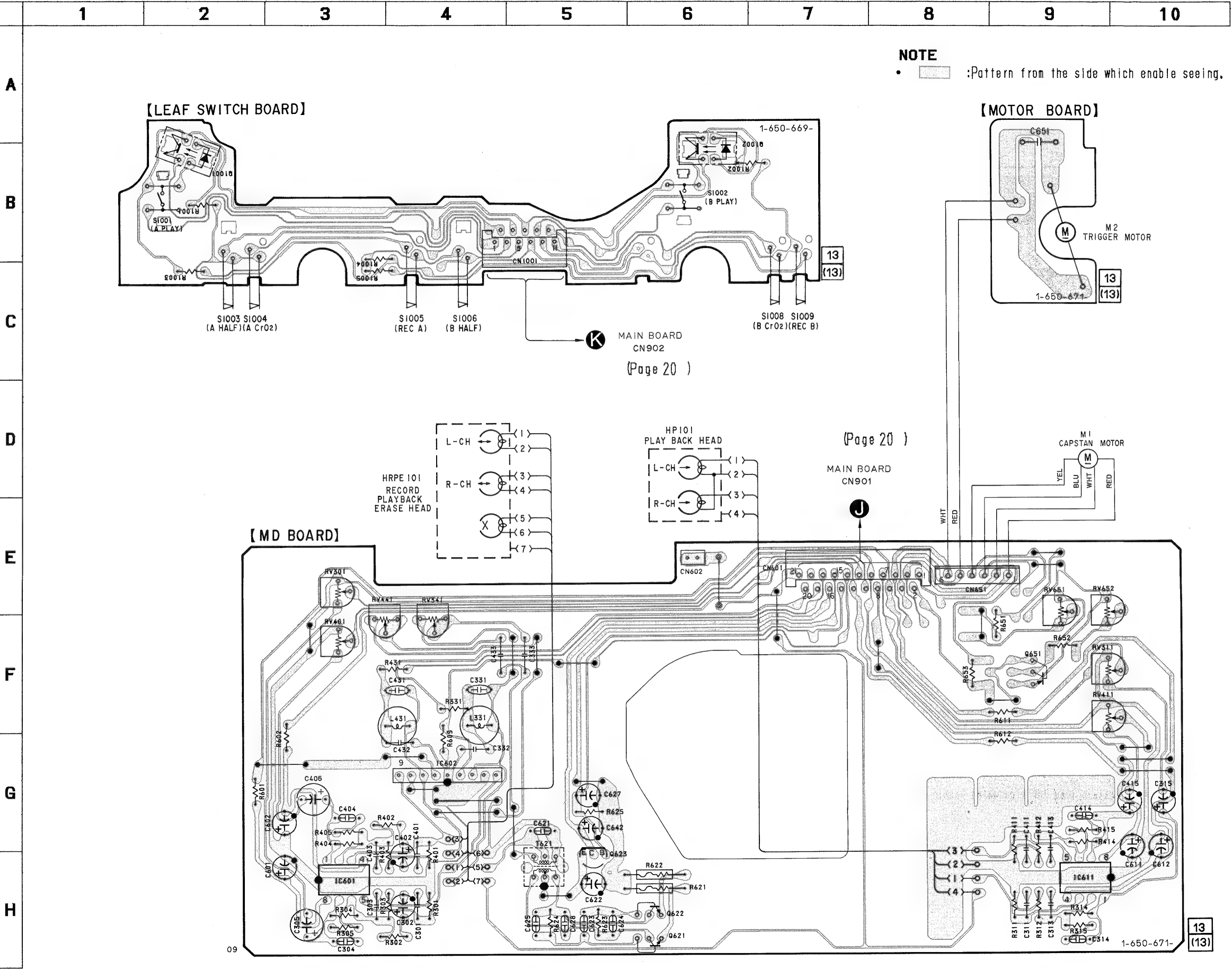
IC901 HA12195



IC901 HA12196



6-8. PRINTED WIRING BOARD — DECK SECTION —
• See page 18 for Circuit Boards Location.
• See page 66 for Semiconductor Lead Layouts.

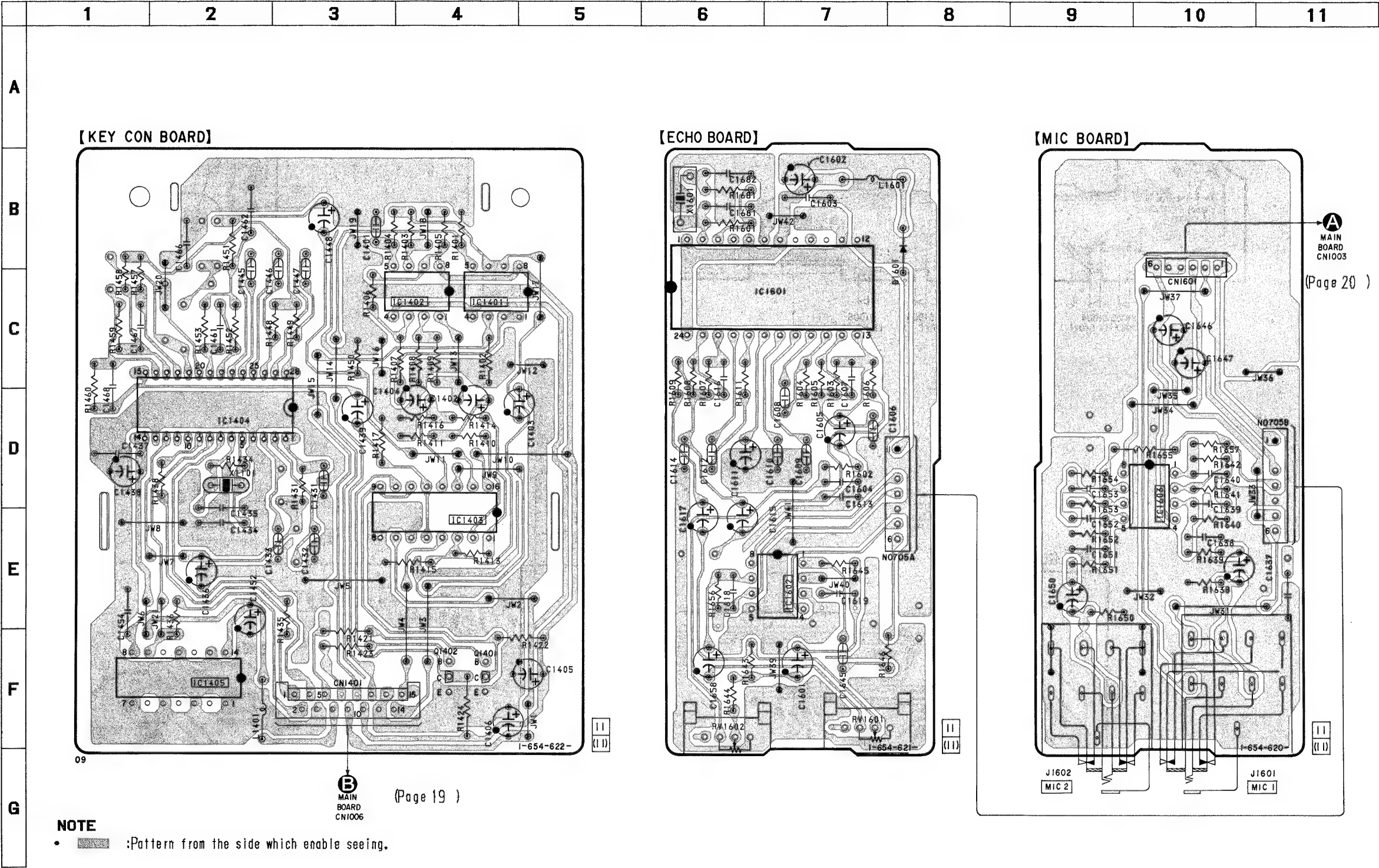


6-9. PRINTED WIRING BOARD — KARAOKE SECTION — (N350K MODEL ONLY)

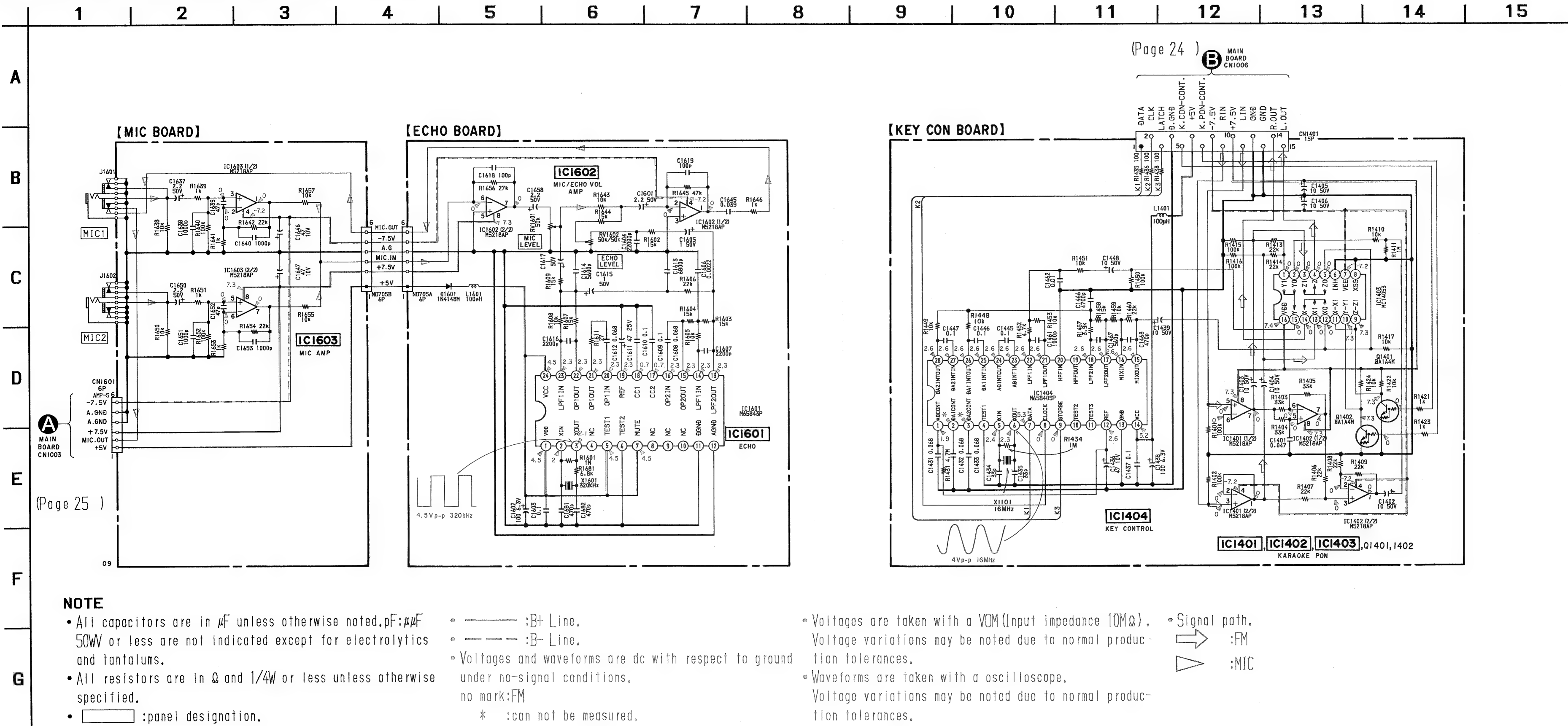
- See page 18 for Circuit Boards Location.
- See page 66 for Semiconductor Lead Layouts.

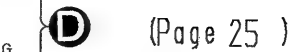
• Semiconductor Location

Ref. No.	Location
D1601	B-8
IC1401	C-4
IC1402	C-4
IC1403	E-4
IC1404	D-2
IC1601	C-7
IC1602	E-7
IC1603	D-10
Q1401	F-4
Q1402	F-4



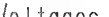


6-10. SCHEMATIC DIAGRAM — KARAOKE SECTION — (N350K MODEL ONLY)



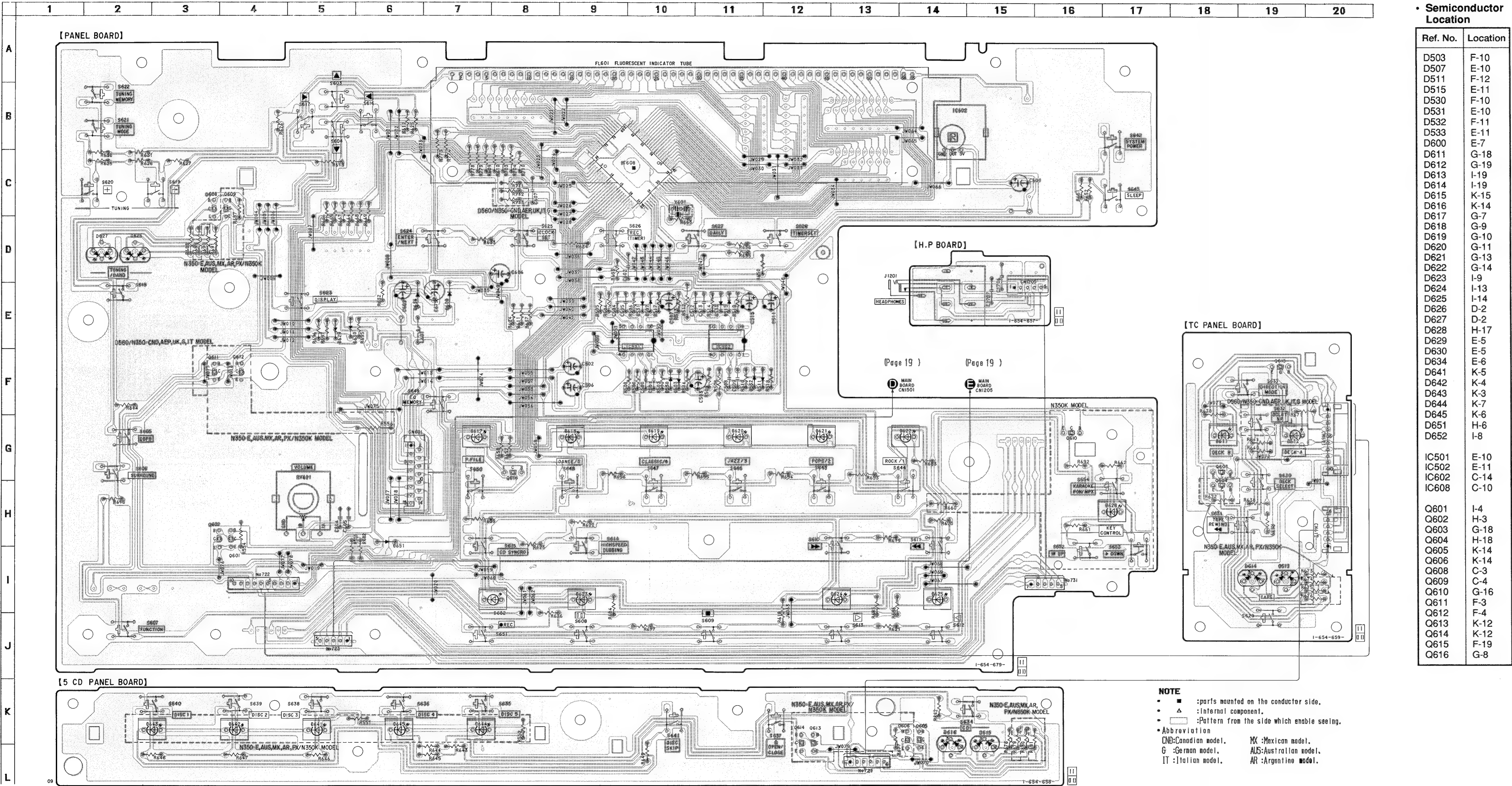


- All capacitors are in μF unless otherwise noted, $\text{pF} = 10^{-6}\text{F}$
50W or less are not indicated except for electrolytics
and tantalums.
- All resistors are in Ω and $1/4\text{W}$ or less unless otherwise
specified.

-  :panel designation.
-  :B+ Line.
-  :B- Line.
- Voltages and waveforms are dc with respect to ground under no-signal conditions.
no mark:FM
 - * :can not be measured.
- Voltages are taken with a VOM (Input impedance 10M Ω).
Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with a oscilloscope.
Voltage variations may be noted due to normal production tolerances.
- Abbreviation
 - CND:Canadian model.
 - G :German model.
 - IT :Italian model.
 - MX :Mexican model.
 - AUS:Australian model.
 - AR :Argentine model.

6-12. PRINTED WIRING BOARD — PANEL SECTION —

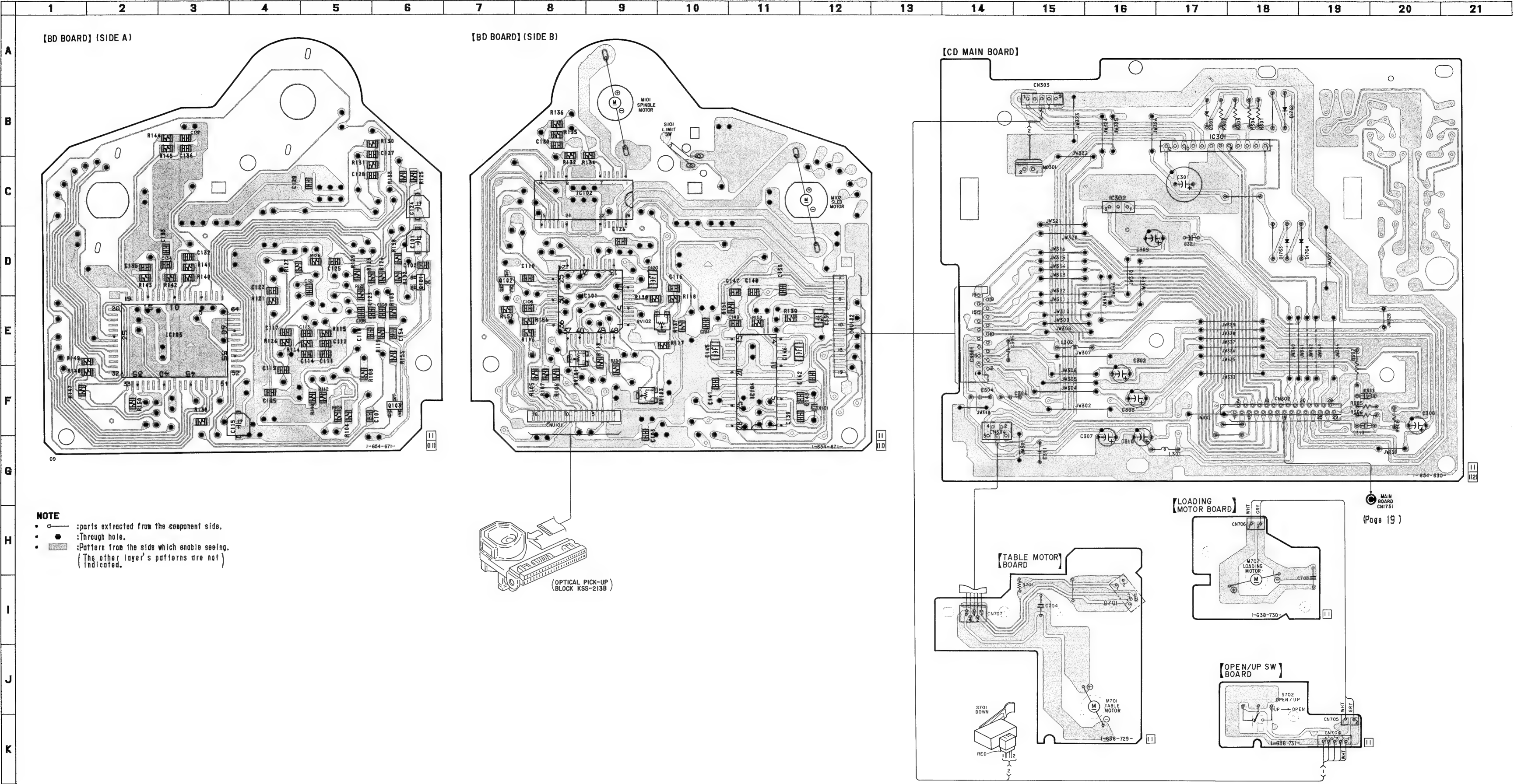
- See page 18 for Circuit Boards Location.
- See page 66 for Semiconductor Lead Layouts.



6-13. PRINTED WIRING BOARD — CD SECTION —
• See page 18 for Circuit Boards Location.
• See page 66 for Semiconductor Lead Layouts.

• Semiconductor Location

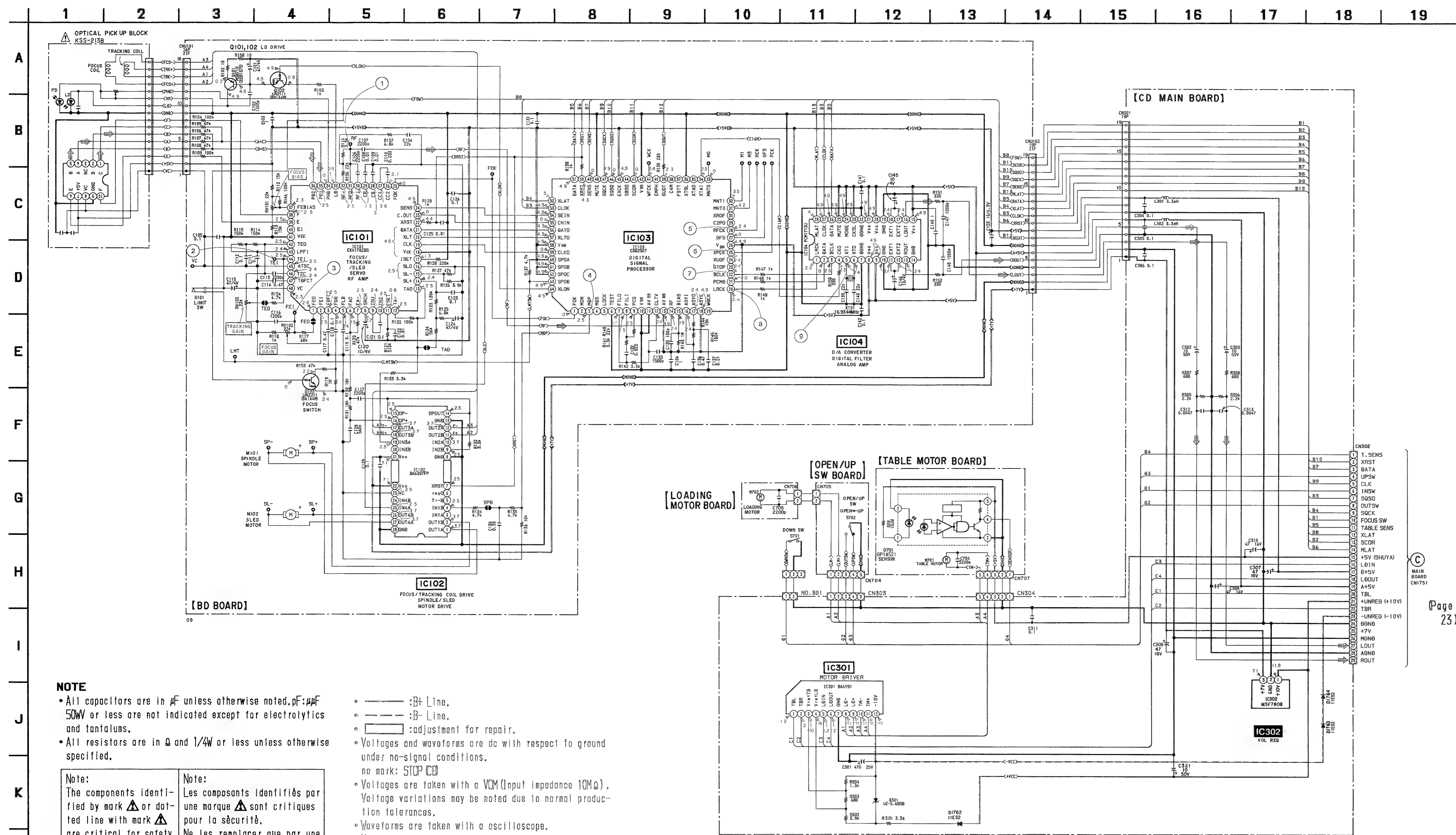
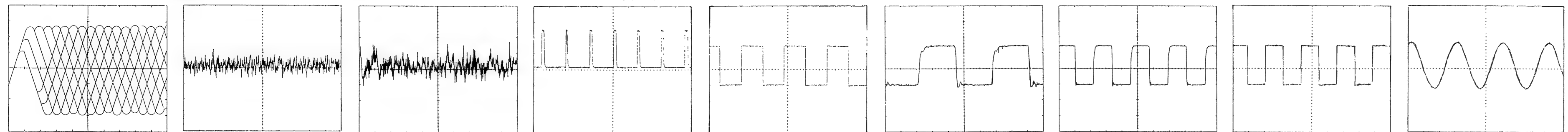
Ref. No.	Location
D301	B-17
D701	I-16
D1762	B-18
D1763	D-18
D1764	D-19
IC101	D-9
IC102	C-8
IC103	E-3
IC104	F-11
IC301	B-17
IC302	C-16
Q101	D-6
Q102	D-7
Q103	F-6



6-14. SCHEMATIC DIAGRAM — CD SECTION —

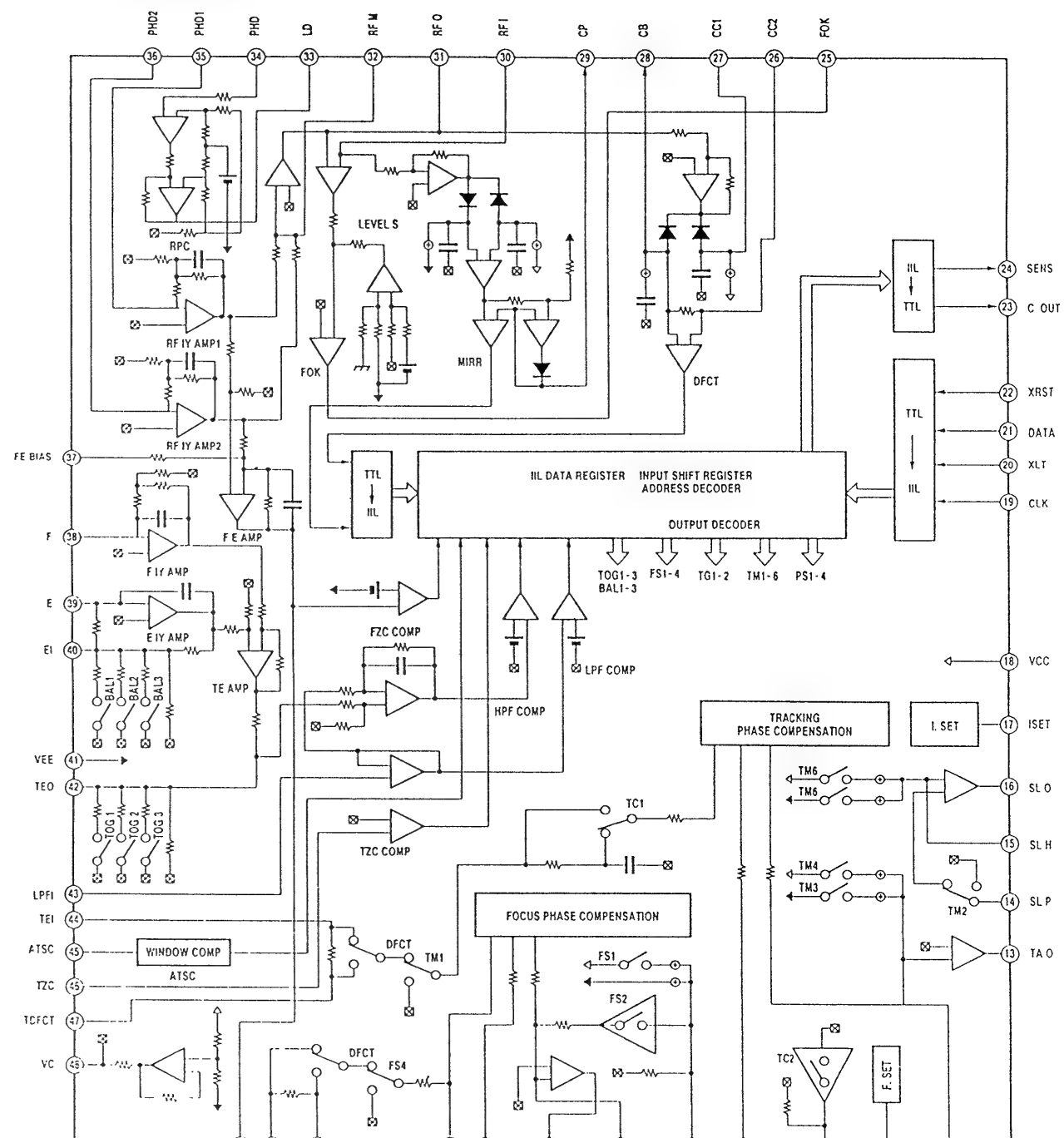
- **Waveforms.**

① IC101 ③ 1.4Vp-p ② IC101 ④ 8mVp-p 0.2ms/DIV ③ IC101 ② 20mVp-p 2ms/DIV ④ IC103 ③ 2.4Vp-p 7.5μsec ⑤ IC103 ② 5.1Vp-p 137μsec ⑥ IC103 ② 5.1Vp-p 232.7μsec ⑦ IC103 ② 5.1Vp-p 472.7μsec ⑧ IC103 ② 5.1Vp-p 23μsec ⑨ IC104 ⑤ 3Vp-p 16.9344MHz

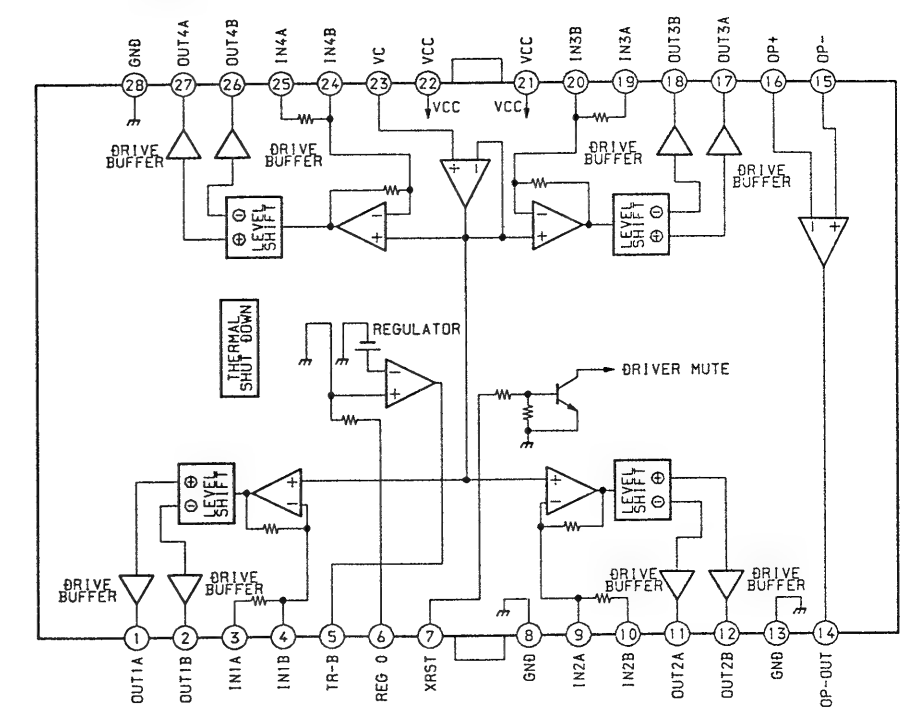


- **IC Block Diagrams.**

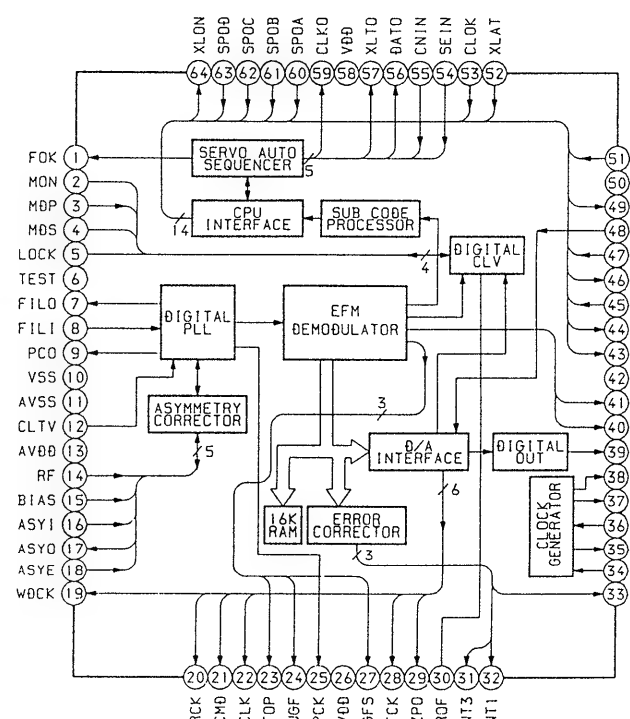
IC101 CXA1782BQ



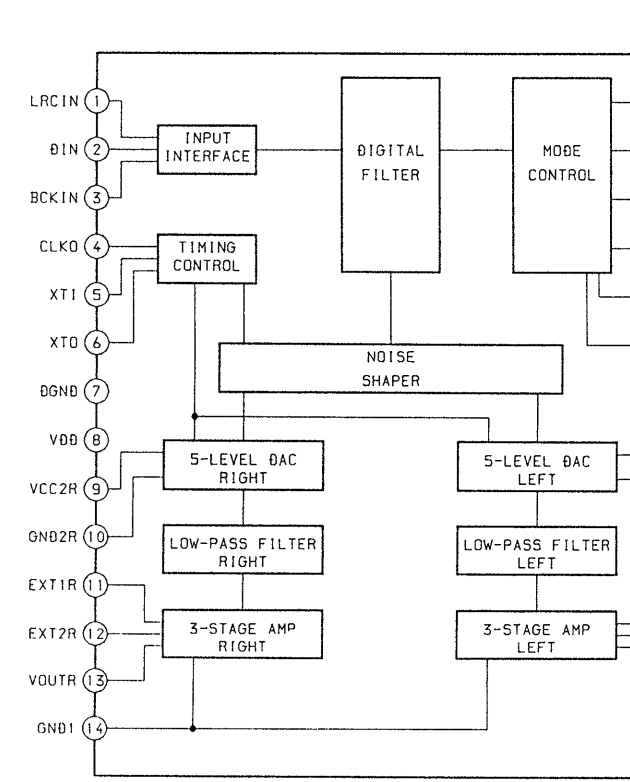
IC102 BA6397FP



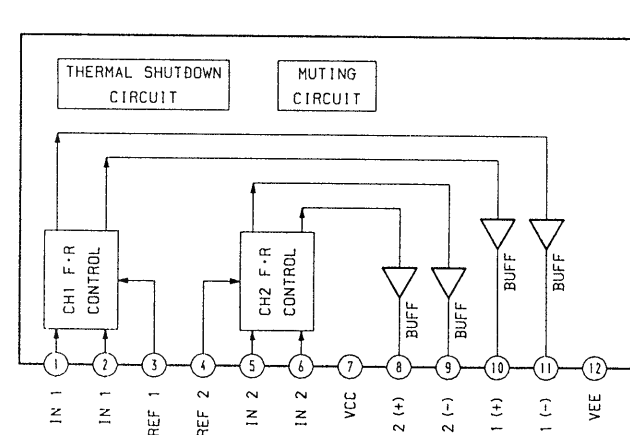
IC103 CXD2507



IC104 PCM1710U









IC301 BA6191



NOTE

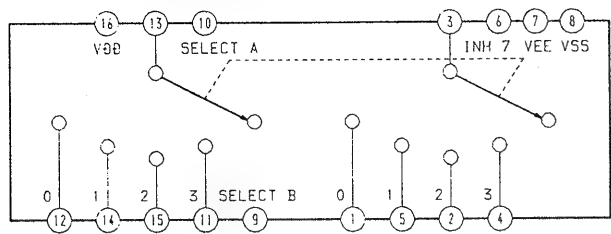
- All capacitors are in μF unless otherwise noted, $\text{pF} = 10^{-6}\mu\text{F}$. 50W or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and $1/4\text{W}$ or less unless otherwise specified.

<p>Note: The components identified by mark  or dotted line with mark  are critical for safety. Replace only with part number specified.</p>	<p>Note: Les composants identifiés par une marque  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.</p>
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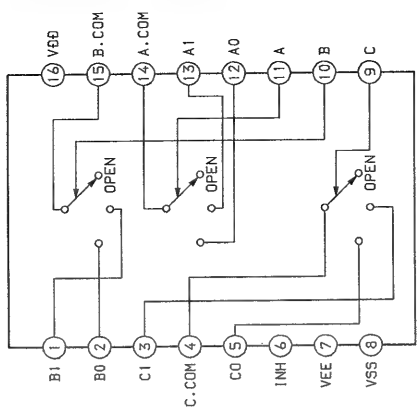
-  :B+ Line.
-  :B- Line.
-  :adjustment for repair.
- Voltages and waveforms are dc with respect to ground unless noted.
- no mark: STOP ECU
- Voltages are taken with a VOM (input impedance 10M Ω). Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with an oscilloscope. Voltage variations may be noted due to normal production tolerances.
- Circled numbers refer to waveforms.

6-15. IC BLOCK DIAGRAMS — MAIN SECTION —

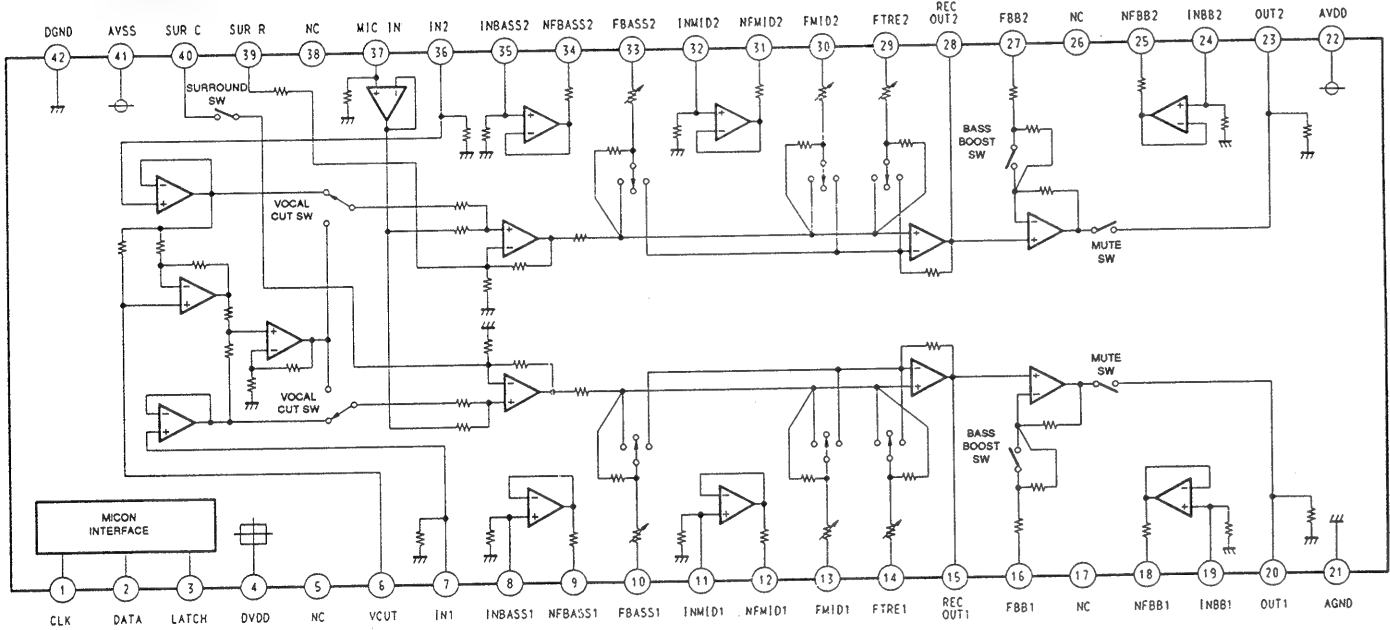
IC1002 MC14052BCP



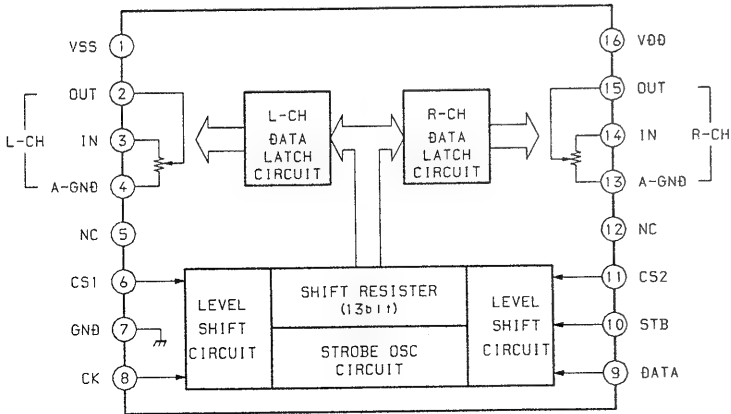
IC1003 MC14053BCP



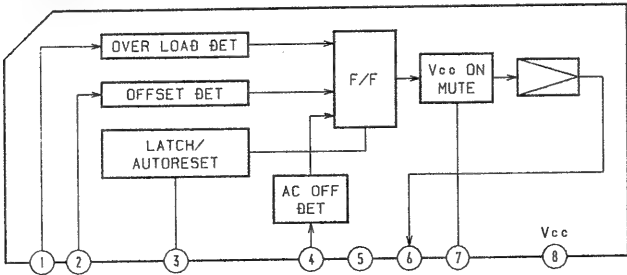
IC1101 M62423FP



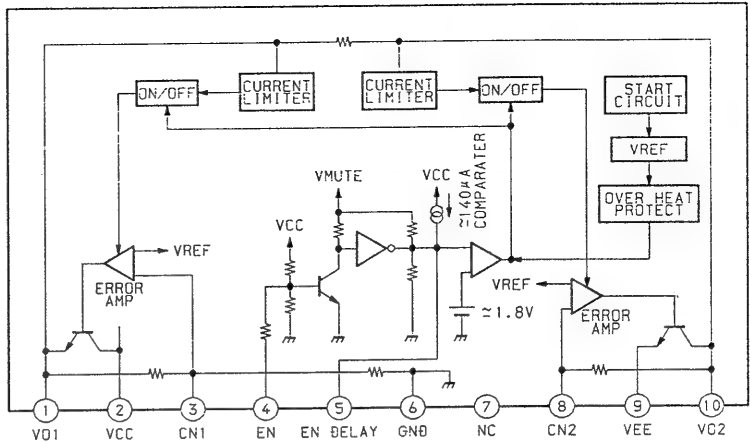
IC1131 TC9210P



IC1202 μ PC1237HA



IC1351 LA5618



6-16. SEMICONDUCTOR LEAD LAYOUTS

BA6191

BA6397FP

CXA1782BQ

CXD2507AQ

CXP82612-006Q

GP1U50XB

HA12195

HA12196

LA1835

M65840SP

LA5618

LC72130

M65843P

L78MR06

MC14052BCP

MC14053BCP

TC9210P

μPD4053BC

M5F7807

M5218AP

μPC4570C-1

M62423FP

PCM1710U

SN74HCU04ANS-E20

STK-4142MK2

STK-4182MK2

STK-4231MK2

TA7060AP

TMP87CP64F-6254

μPC1237HA

μPC1330HA

DTA124ES

DTA144ES

DTC114ES

DTC124ES

DTC144ES

2SC2669-OY

MSB710

UN2111

UN2211

UN4111

2SA1175-HFE

2SC2785-HFE

2SC403SP

2SB1116-L

2SC1841-PAFAEA

2SC2001-LK

2SD1387

2SD1616A-K

D3SBA20-4101

D5SBA20F01

GP-1A521

KV1560N

SEL5221S-TH8F

SEL5420S-TP

SEL5421E-TH8F

SEL5421E-TP

SEL5921A-TH8F

SEL58420C-TP

HZS9A2L

HZS7B2L

HZS27-2L

UZ-2.7BSA

UZ-5.6BSB

UZL-11M1

11ES2

1N4148M

1S1585

10E2

— 66 —

6-17. IC PIN FUNCTIONS

• IC608 GRAPHIC CONTROL (CXP82612-006Q) IC PIN FUNCTIONS

Pin No.	Pin Name	I/O	Function
1	ENC1A	I	Volume encoder signal input.
2	SIRCS	I	SIRCS signal input.
3	REQ. MG	I	Request signal from master control.
4	REQ. GM	O	Request signal to master control.
5, 9	$\overline{\text{LED1-5}}$	O	LED drive signal output.
10	RDY	I/O	RDY signal from/to master control.
11	SCK IN	I	Serial clock input.
12	SD IN	I	Serial data input.
13	SD OUT	O	Serial data output.
14-21	$\overline{\text{LED6-13}}$	O	LED drive signal output.
22-25	KEY1-4	I	Key matrix input.
26-29	BPF1-4	I	Spectram analyzer signal input.
30	$\overline{\text{RST}}$	I	Reset signal input.
31	X IN	I	} X'tal (4MHz).
32	X OUT	O	
33	Vss	—	GND
34-58	AN1-25	O	FL segment signal output.
59-70	GR1-12	O	FL grid signal output.
71	VFDP	—	-25V for FL
72	VDD	—	+5V
73, 74	PD	I	Not used. (Pull up)
75	VDD	—	+5V
76, 77	$\overline{\text{LED14, 15}}$	O	LED drive signal output.
78, 79	ENC2B, A	I	Not used. (Pull up)
80	ENC1B	I	Volume encoder signal input.

• IC1051 MASTER CONTROL (TMP87CP64F-6254)

Pin No.	Pin Name	I/O	Function
1	V _{SS}	I/O	GND
2	XOUT	—	} X'tal (8MHz).
3	XIN	I	
4	RESET	I	Reset signal input.
5	XOUT	O	} X'tal for clock (32.768kHz)
6	XIN	I	
7	GND (test)	—	GND
8	BACK UP	I	Back up signal input.
9	COUNT SW	I	} Not used.
10	INIT SW	I	
11	DISC SENS	I	
12	MID SENS	I	
13	CD XRST	O	Reset signal output for CD.
14	POWER ON	O	Power on signal output.
15	MUTE (TA)	O	Mute signal for AMP.
16	MPX ON	O	Control signal output for MPX. (N350K)
17	KEY CON LATCH	O	Latch signal for KEY CON. (N350K)
18	VOL LATCH	O	Latch signal for electrical volume.
19	K-CON	O	Control signal output for KEY CON. (N350K)
20	K-PON B	O	Control signal output for KARAOKE PON. (N350K)
21	FUNC A	O	} Input selector control signal output.
22	FUNC B	O	
23	FUNC C	O	
24	GEQ. LATCH	O	Latch signal for graphic equalizer
25	RDS INT	I	Not used. (Pull up)
26	SCOR	I	Sub-code sync signal input.
27	SENS	I	Table sence signal input.
28	CD POWER	O	CD power control signal output.
29	CD. G-LATCH	O	Not used.
30	DBFB1-2	O	DBFB switching signal output.
31	ST-MUT	O	Mute signal output for tuner.
32	ST-CE	O	Latch signal output for tuner.
33	STEREO	I	Stereo detection signal from tuner.
34	TUNED	I	Tuned detection signal from tuner.
35	SQ (RDS) CLK	O	Clock output for sub-Q.
36	SQ (RDS) DI	I	Sub-Q input.
37	RDS RESET	O	Not used.
38	CLK	O	Clock output. Serial bus line.
39	D IN	I	Data input. Serial bus line.
40	D OUT	O	Data output. Serial bus line.

Pin No.	Pin Name	I/O	Function
41	TABLE SENS	I	Sense signal input.
42	REQ GM	I	Request signal from graphic control.
43	REQ MG	O	Request signal to graphic control.
44	CLK MG	O	Clock signal to graphic control.
45	DI GM	I	Data input from graphic control.
46	DO MG	O	Data output to graphic control.
47	MC RDY	I/O	RDY signal from/to graphic control.
48	VAREF	I	Analog reference voltage input.
49	VAss	—	} GND
50	Vss	—	
51	VDD	—	+5V
52	URGENT. SIG	I	Not used. (Pull up)
53	URGENT. STBY	O	Not used.
54–57	SUBKEY4–1	I	Test land.
58, 59	DEST2, 1	I	} Not used.
60, 61	PWM1, 2	I	
62	B-PLAY	I	} Control signal input from deck.
63	B-SHUT	I	
64	B-HALF	I	
65	A-SHUT	I	
66	A-PLAY	I	
67	A-HALF	I	
68	CAP M H/L	O	} Control signal output for capstan motor.
69	CAP M ON/OFF	O	
70	TRIG H/L	O	} Control signal output for trigger motor.
71	B TRIG	O	
72	A TRIG	O	
73	RELAY REC/ \overline{PB}	O	} Control signal output for deck.
74	PB $\overline{A/B}$	O	
75	EQ \overline{NORM} /HIGH	O	
76	BIAS ON \overline{OFF}	O	
77	RM \overline{ON} /OFF	O	
78	REC/ \overline{PB}	O	
79	NR ON/OFF	O	
80	LM \overline{ON} /OFF	O	Mute signal output for deck.
81	PASS	O	Dolby switching signal output.
82	CDG MUTE	O	} Not used.
83	UP MOTOR	O	
84	DOWN MOTOR	O	
85	TABLE R (SCD)	O	Table control signal output.

Pin No.	Pin Name	I/O	Function
86	TABLE L (SCD)	O	Table control signal output.
87	LOAD OUT	O	} Loading motor control signal output.
88	LOAD IN	O	
89	DF LATCH	O	Latch signal for digital filter.
90	XLT	O	Latch signal digital signal processor.
91	FOCUS SW	O	Focus switching signal output,.
92	$\overline{\text{DUB HI}}$	I	Hi speed dubbing signal input.
93	TEST-1	I	Test land.
94	$\overline{\text{OUT SW}}$	I	Out switch signal input.
95	$\overline{\text{IN SW}}$	I	Down switch signal input.
96	$\overline{\text{UP SW}}$ (SCD)	I	Up switch signal input.
97	PANEL SW (MAGK)	I	} Not used.
98	$\overline{\text{CLOSE SW}}$	I	
99	$\overline{\text{OPEN SW}}$	I	
100	VDD	—	+5V

SECTION 7

EXPLODED VIEWS

NOTE:

- Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- -XX, -X mean standardized parts, so they may have some difference from the original one.
- The mechanical parts with no reference number in the exploded views are not supplied.
- Hardware (# mark) list and accessories and packing materials are given in the last of this parts list.

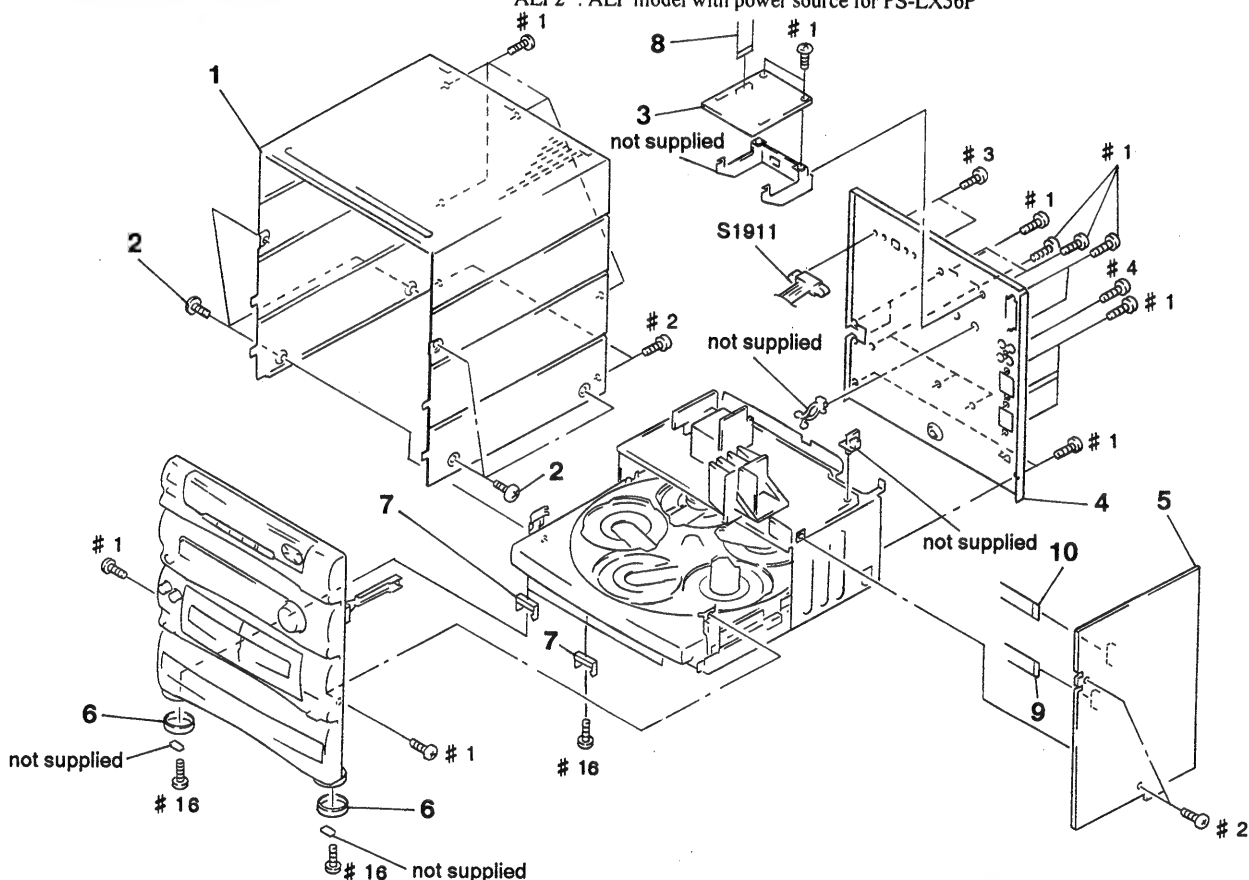
• Abbreviation

CND : Canadian model
 G : German model
 IT : Italian model
 EA : Saudi Arabia model
 MX : Mexican model
 SP : Singapore model
 MY : Malaysia model
 AUS : Australian model
 E2 : E model with power source for PS-LX56P
 E3 : E model without power source for PS-LX56P
 AR : Argentine model
 AEP1 : AEP model without power source for PS-LX56P
 AEP2 : AEP model with power source for PS-LX56P

The components identified by mark Δ or dotted line with mark Δ are critical for safety.
 Replace only with part number specified.

Les composants identifiés par une marque Δ sont critiques pour la sécurité.
 Ne les remplacer que par une pièce portant le numéro spécifié.

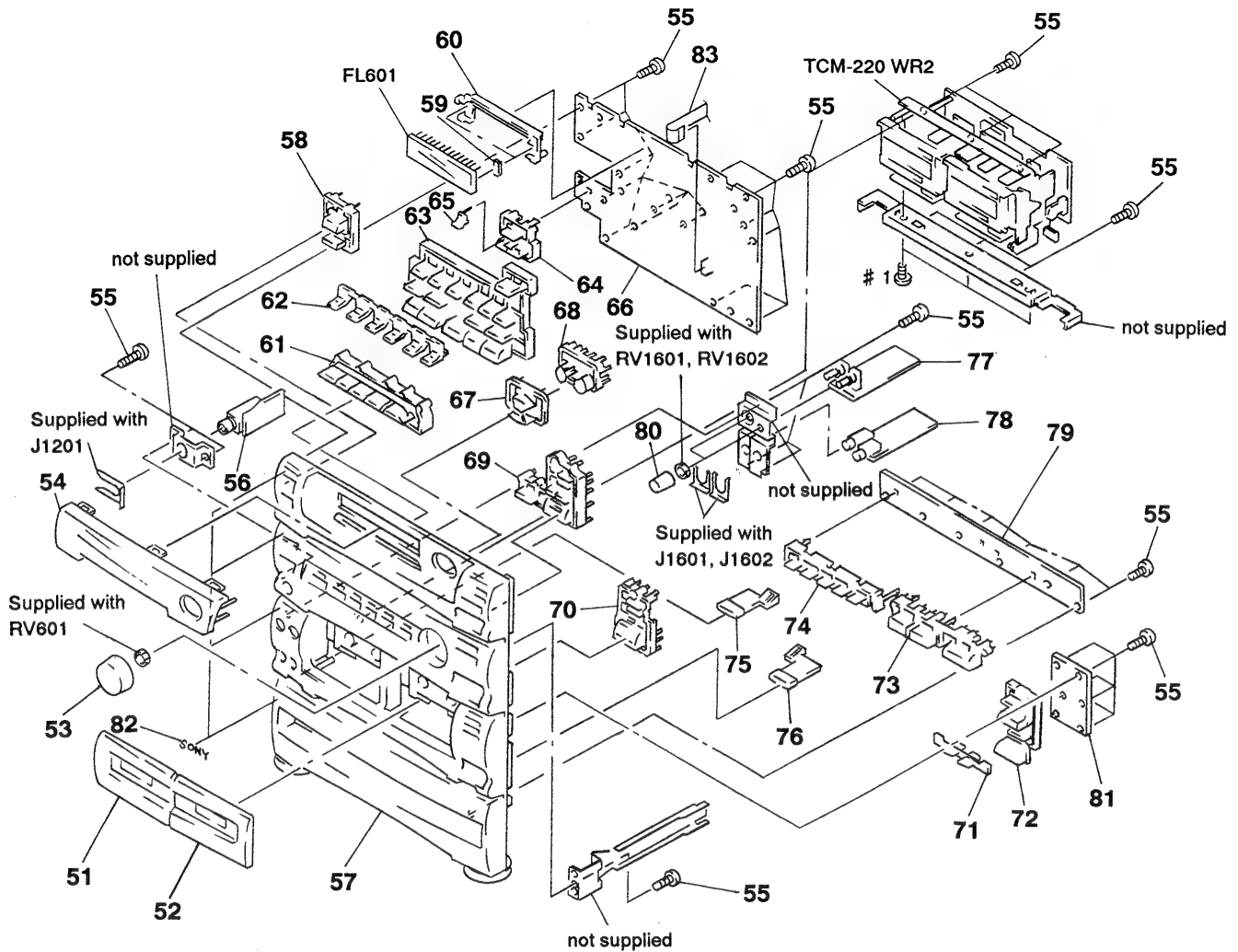
7-1. CASE SECTION



Ref.No.	Part No.	Description
1	4-962-724-31	CASE (CDM)
2	3-363-099-01	SCREW (CASE 3 TP2)
* 3	A-4377-135-A	KEY-CON BOARD, COMPLETE (N350K)
* 4	4-969-795-01	PANEL, BACK (D560)
* 4	4-969-795-11	PANEL, BACK (N350:CND)
* 4	4-969-795-31	PANEL, BACK (N350:AEP2)
* 4	4-969-795-51	PANEL, BACK (N350:AEP1)
* 4	4-969-795-61	PANEL, BACK (N350:G)
* 4	4-969-795-71	PANEL, BACK (N350:IT)
* 4	4-969-795-81	PANEL, BACK (N350:UK)
* 4	4-970-165-01	PANEL, BACK (N350:E2)
* 4	4-970-165-11	PANEL, BACK (N350:MX)
* 4	4-970-165-21	PANEL, BACK (N350:E3, AR)
* 4	4-970-165-31	PANEL, BACK (N350:AUS)
* 4	4-970-165-41	PANEL, BACK (N350:PX)
* 4	4-970-165-51	PANEL, BACK (N350K:EA)
* 4	4-970-165-61	PANEL, BACK (N350K:E)
* 4	4-970-165-71	PANEL, BACK (N350K:MY)

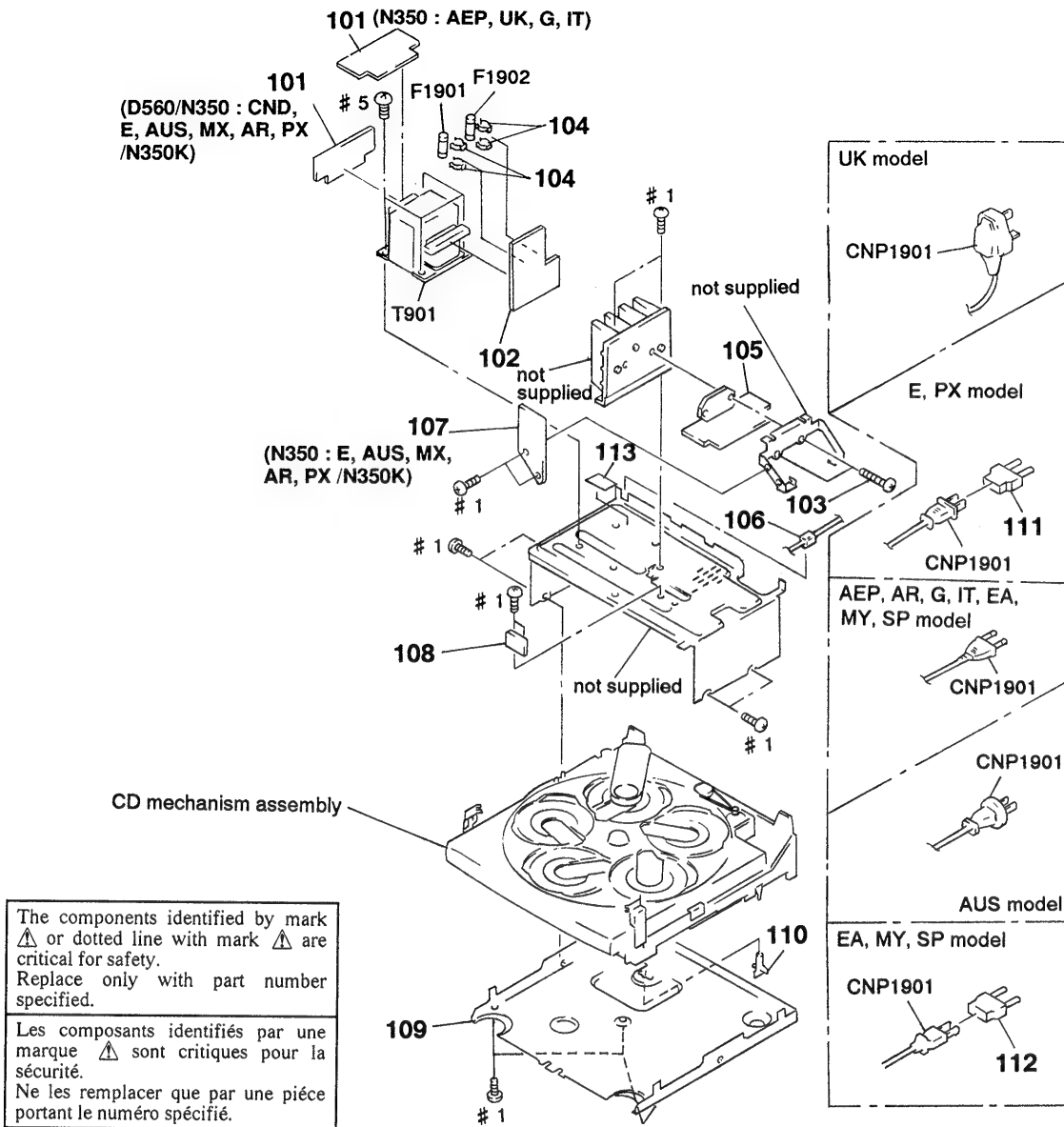
Ref.No.	Part No.	Description	Remark
* 4	4-970-165-81	PANEL, BACK (N350K:SP)	
* 5	A-4377-060-A	MAIN BOARD, COMPLETE (N350:AEP2, UK)	
* 5	A-4377-087-A	MAIN BOARD, COMPLETE (D560/N350:CND)	
* 5	A-4377-101-A	MAIN BOARD, COMPLETE (N350:E2)	
* 5	A-4377-123-A	MAIN BOARD, COMPLETE (N350K:E, MY, SP)	
* 5	A-4377-475-A	MAIN BOARD, COMPLETE (N350K:EA)	
* 5	A-4377-625-A	MAIN BOARD, COMPLETE (N350:E3, MX, AR, PX)	
* 5	A-4377-627-A	MAIN BOARD, COMPLETE (N350:AUS)	
* 5	A-4377-629-A	MAIN BOARD, COMPLETE (N350:AEP1)	
* 5	A-4377-809-A	MAIN BOARD, COMPLETE (N350:G)	
* 5	A-4377-812-A	MAIN BOARD, COMPLETE (N350:IT)	
6	4-921-918-11	PLATE, ORNAMENTAL	
7	4-962-705-01	CHASSIS, HOLDER	
8	1-690-113-11	WIRE, FLAT TYPE (15 CORE) (N350K)	
9	1-590-459-11	WIRE, FLAT TYPE (11 CORE)	
10	1-769-665-11	WIRE (FLAT TYPE) (21 CORE)	
Δ S1911	1-570-046-21	SWITCH, VOLTAGE CHANGE (N350:E, AR, PX/N350K:E, EA, SP)	

7-2. FRONT PANEL SECTION



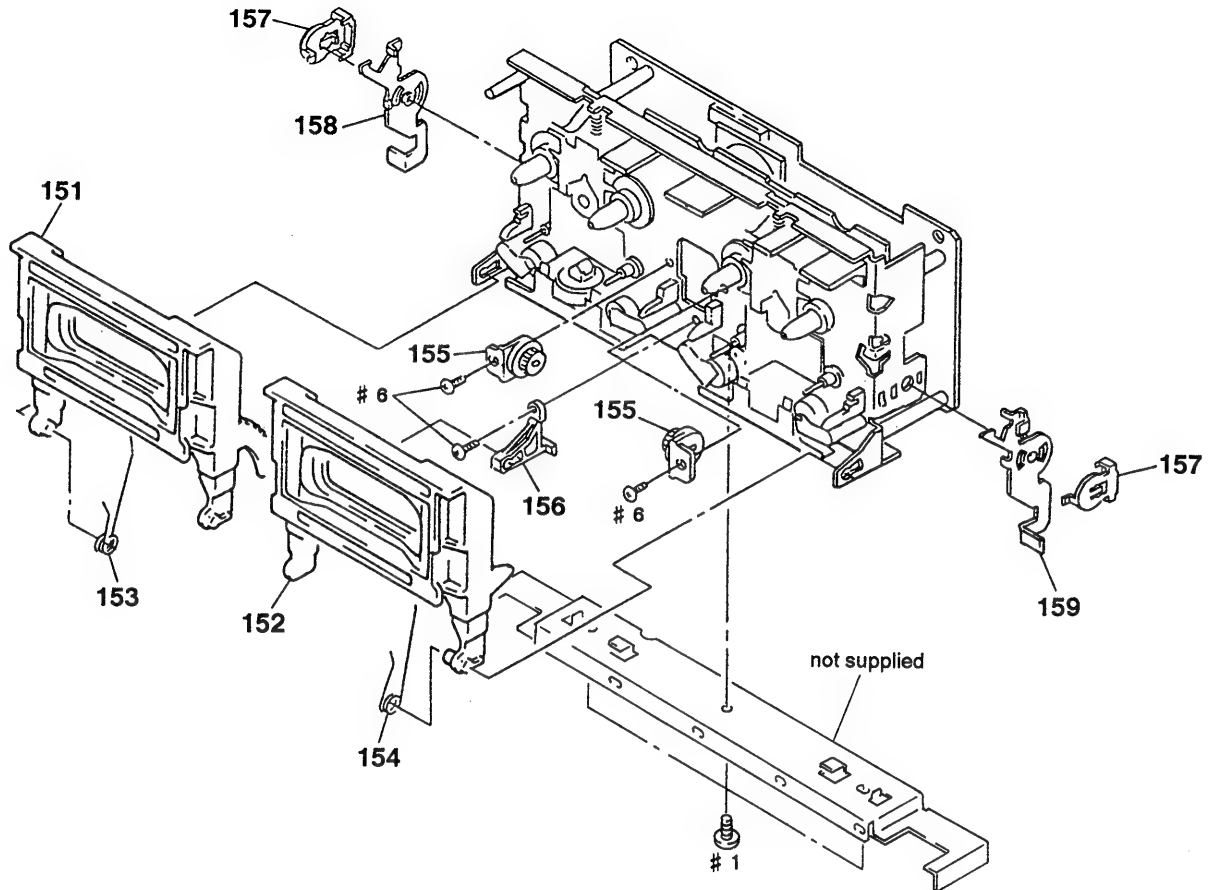
Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
51	X-4945-503-1	LID (A) ASSY, CASSETTE		* 66	A-4377-132-A	PANEL BOARD, COMPLETE (N350K)	
52	X-4945-504-1	LID (B) ASSY, CASSETTE		67	4-969-666-11	BUTTON (CURSOR 1)	
53	4-969-683-21	KNOB (V)		68	4-969-667-11	BUTTON (CURSOR 2)	
54	4-969-694-11	DISPLAY (ST)		69	X-4945-498-1	BUTTON (ST) ASSY	
55	4-951-620-01	SCREW (2.6X8), +BVTP		70	4-969-669-11	BUTTON (TA)	
* 56	1-654-657-11	H. P. BOARD		71	4-969-705-11	INDICATOR (TC)	
57	4-969-657-11	PANEL, FRONT (N350:CND, AEP, UK, G, IT)		72	X-4945-501-1	BUTTON (TC) ASSY	
57	4-969-657-31	PANEL, FRONT (N350K)		73	X-4945-502-1	BUTTON (CDM) ASSY	
57	4-969-657-41	PANEL, FRONT (N350:E, AUS, MX, AR, PX)		74	4-970-720-01	BUTTON (DISC5-B)	
57	4-969-657-51	PANEL, FRONT (D560)				(D560/N350:CND, AEP, UK, G, IT)	
58	4-969-693-11	BUTTON (POWER)		74	4-970-721-01	BUTTON (DISC5-W)	
* 59	4-949-935-21	CUSHION (FL)				(N350:E, AUS, MX, AR, PX/N350K)	
* 60	4-969-681-11	HOLDER, FL TUBE		75	4-969-706-11	BUTTON (EJECT-L)	
61	4-969-695-11	BUTTON (TIMER)		76	4-969-707-11	BUTTON (EJECT-R)	
62	4-969-698-11	INDICATOR (TA)		* 77	A-4377-133-A	ECHO BOARD, COMPLETE (N350K)	
63	X-4945-500-1	BUTTON (PLAY) ASSY		* 78	1-654-620-11	MIC BOARD (N350K)	
		(D560/N350:CND, AEP, UK, AUS, PX, G, IT/N350K)		* 79	1-654-658-11	5CD PANEL BOARD	
63	X-4945-535-1	BUTTON (PLAY) ASSY (N350:E, MX, AR)		80	4-955-744-01	KNOB (BA) (N350K)	
64	4-969-676-11	BUTTON (KARAOKE) (N350K)		* 81	1-654-659-11	TC PANEL BOARD	
65	4-970-713-11	INDICATOR (KARAOKE) (N350K)		82	4-963-404-01	EMBLEM (5-A), SONY	
* 66	A-4377-067-A	PANEL BOARD, COMPLETE (N350:AEP, UK, G, IT)		83	1-590-458-31	WIRE, FLAT TYPE (15 CORE)	
* 66	A-4377-094-A	PANEL BOARD, COMPLETE (D560/N350:CND)		FL601	1-517-341-11	INDICATOR TUBE, FLUORESCENT	
* 66	A-4377-106-A	PANEL BOARD, COMPLETE (N350:E, AUS, MX, AR, PX)					

7-3. CHASSIS SECTION



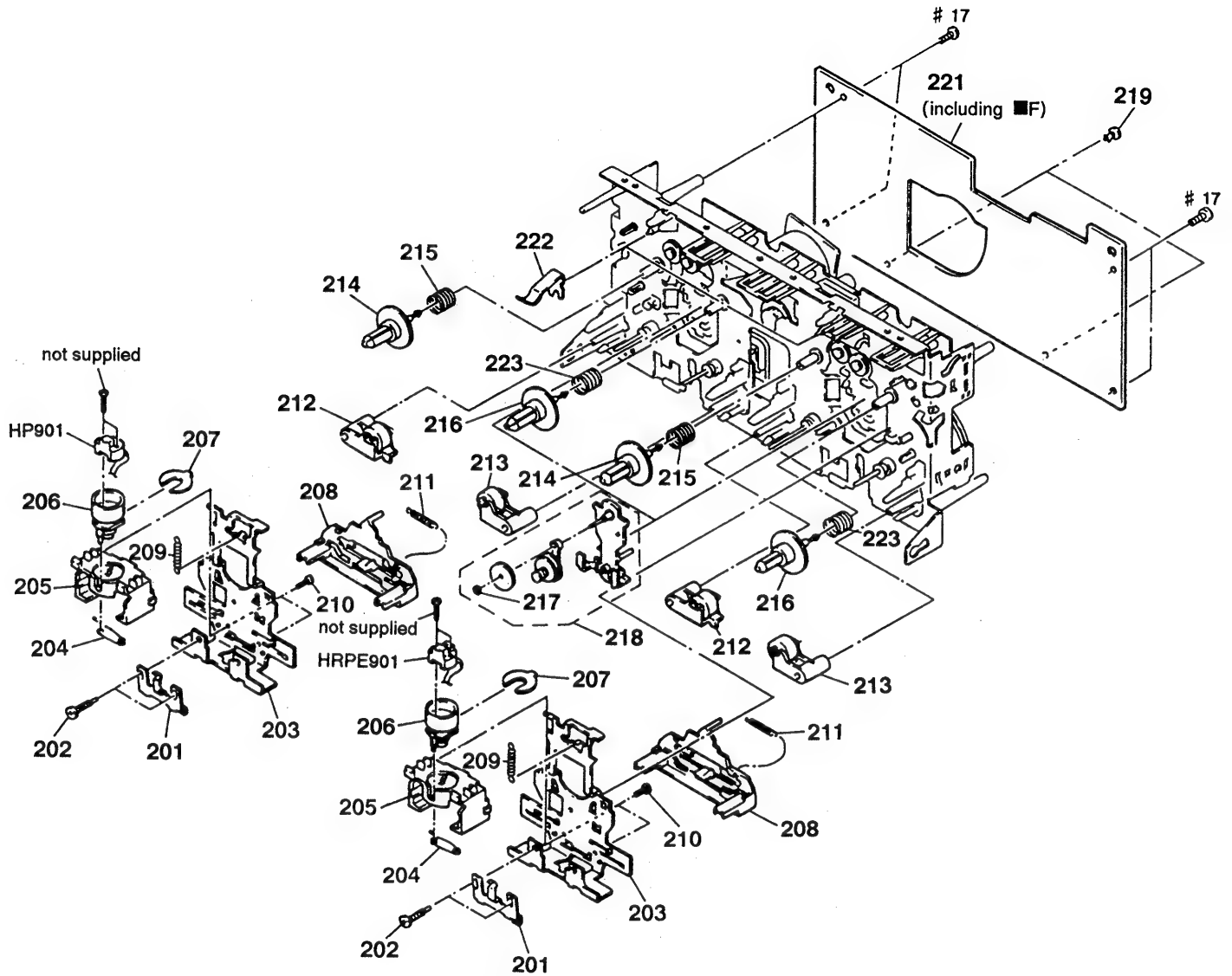
Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
* 101	1-654-694-11	POWER PRIMARY BOARD (N350:AEP, UK, G, IT)		△111	1-569-007-11	ADAPTER, CONVERSION 2P	
* 101	1-654-695-11	POWER PRIMARY BOARD (D560/N350:CND, E, AUS, MX, AR, PX/N350K)		△112	1-569-008-11	ADAPTER, CONVERSION 2P (N350K:E3, PX/N350K:E3)	
* 102	1-654-651-11	POWER BOARD (D560/N350:CND, E, AUS, MX, AR, PX/N350K)		113	3-703-044-26	LABEL, CAUTION (D560/N350:CND)	
* 102	1-654-654-11	POWER BOARD (N350:AEP, UK, G, IT)		△CNP19011-558-943-41	CORD, POWER (N350:E, MX, PX/N350K:E)		
103	4-928-635-11	SCREW, +BV (2.6X16) TAPPING (D560)		△CNP19011-575-042-21	CORD, POWER (D560/N350:CND)		
104	1-533-217-31	HOLDER, FUSE		△CNP19011-575-651-21	CORD, POWER (N350:AEP, AR, G, IT/N350K:EA, MY, SP)		
* 105	A-4377-077-A	POWER AMP BOARD, COMPLETE (N350:AEP, UK, G, IT)		△CNP19011-696-845-11	CORD, POWER (N350:US)		
* 105	A-4377-097-A	POWER AMP BOARD, COMPLETE (D560/N350:CND)		△CNP19011-751-529-11	CORD, POWER (N350:UK)		
* 105	A-4377-122-A	POWER AMP BOARD, COMPLETE (N350:E, AUS, MX, AR, PX/N350K)		△F1901	1-532-299-00	FUSE (T5A 250V) (N350:E, AUS, MX, AR, PX/N350K)	
106	3-703-571-11	BUSHING (S) (4516), CORD (N350:E, MX, PX/N350K:E3)		△F1901	1-532-350-00	FUSE (T4A 250V) (N350:AEP, UK, G, IT)	
* 106	3-703-244-00	BUSHING (2104), CORD (D560/N350:CND, AEP, UK, AUS, AR, G, IT/N350K:EA, MY, SP)		△F1902	1-532-299-00	FUSE (T5A 250V) (N350:E, AUS, MX, AR, PX/N350K)	
* 107	A-4378-088-A	DBFB BOARD, COMPLETE (N350:E, AUS, MX, AR, PX/N350K)		△F1902	1-532-350-00	FUSE (T4A 250V) (N350:AEP, UK, G, IT)	
* 108	1-654-656-11	REGULATOR BOARD		△F1903	1-576-108-11	FUSE (4A 125V) (D560/N350:CND)	
* 109	4-943-997-31	CHASSIS		△T901	1-427-707-21	TRANSFORMER, POWER (N350:AEP, UK, G, IT)	
110	4-937-945-01	PLATE (TRANSPORT), LOCK		△T901	1-427-709-11	TRANSFORMER, POWER (N350:E, AUS, MX, AR, PX/N350K)	
				△T901	1-427-710-11	TRANSFORMER, POWER (N350:CND)	
				△T901	1-427-711-11	TRANSFORMER, POWER (D560)	

7-4. TC MECHANISM SECTION 1
(TCM-220 WR2)



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
151	X-4943-776-1	HOLDER (L) ASSY, CASSETTE		* 156	3-908-611-01	FULCRUM, HOLDER	
152	X-4943-775-1	HOLDER (R) ASSY, CASSETTE		157	3-354-957-01	JOINT (LOCK LEVER)	
153	4-959-231-11	SPRING (L), TORSION		* 158	3-354-953-01	LEVER (LOCK LEVER L)	
154	4-959-232-11	SPRING (R), TORSION		* 159	3-354-954-01	LEVER (LOCK LEVER R)	
155	3-354-963-01	DAMPER					

**7-5. TC MECHANISM SECTION 2
(TCM-220 WR2)**

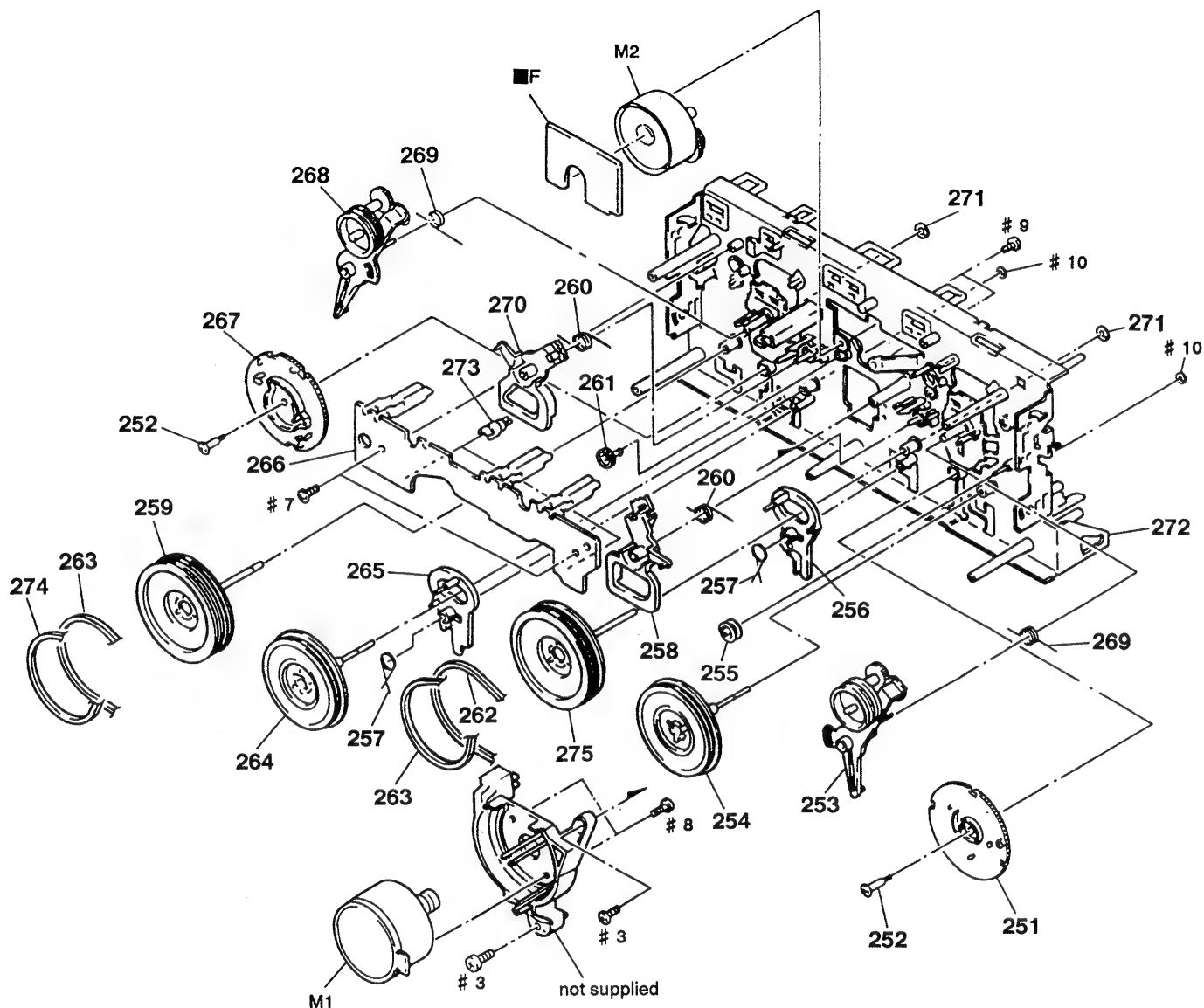


Ref. No.	Part No.	Description
201	3-908-560-01	SPRING, AZIMUTH ADJUSTMENT
202	3-919-684-01	SCREW, AZIMUTH ADJUSTMENT
* 203	X-3367-584-2	SLIDER (HEAD) ASSY
204	3-908-556-01	SPRING, HEAD TOGGLE
205	3-908-558-02	FITTING BLOCK, HEAD
206	3-908-557-02	ROTARY BLOCK, HEAD
* 207	3-908-559-01	STOPPER, AZIMUTH
208	3-908-555-01	SLIDER (REV SLIDER)
209	3-917-143-01	SPRING, TENSION
210	3-388-848-01	SCREW (P2X6) (B TIGHT)
211	3-911-113-01	SPRING, TENSION
212	X-3367-589-1	PINCH LEVER (REV) ASSY

Ref. No.	Part No.	Description
213	X-3367-588-1	PINCH LEVER (FWD) ASSY
214	3-908-613-01	GEAR (S), REEL
215	3-917-141-01	SPRING, COMPRESSION
216	X-3367-594-1	REEL (T) ASSY
217	3-669-465-01	WASHER (1.5), STOPPER
218	X-3370-173-1	TU ASSY
219	3-911-116-21	RIVET, PUSH
* 221	A-2007-253-A	MD BOARD, COMPLETE
222	3-915-490-01	DETENT, HALF
223	3-917-142-01	SPRING, COMPRESSION
HP901	1-500-093-11	HEAD, MAGNETIC (PLAYBACK)
HRPE901	1-500-094-11	HEAD, MAGNETIC (REC/PB/ERASE)

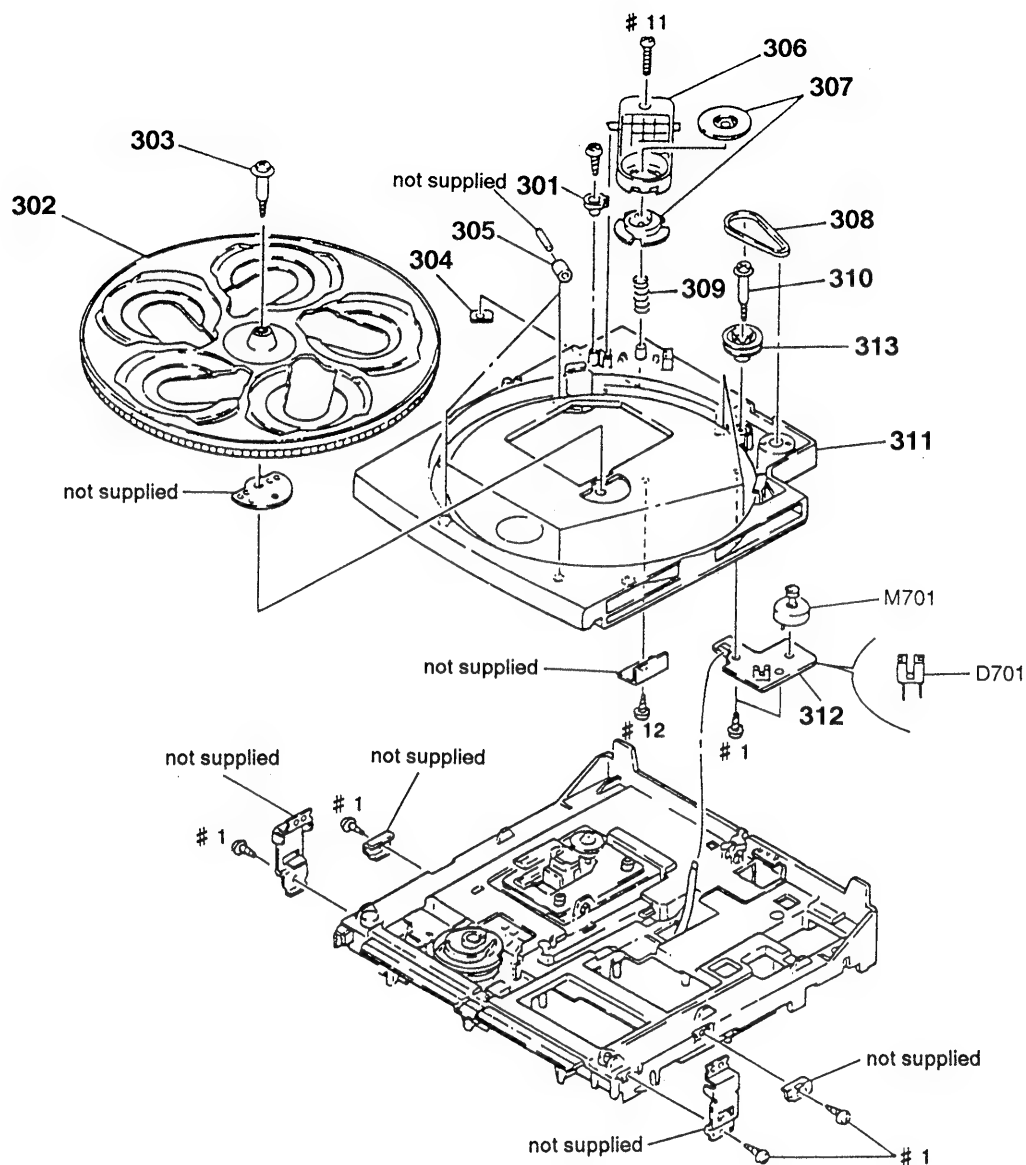
7-6. TC MECHANISM SECTION 3 (TCM-220 WR2)

■ F: MOTOR board



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
251	3-908-597-01	CAM (A)		265	3-908-600-01	LEVER (REV-B)	
252	3-908-608-01	SCREW, STEP		* 266	1-650-669-11	LEAF SWITCH BOARD	
253	X-3367-590-2	ARM (A) ASSY, FR		267	3-908-598-01	CAM (B)	
254	X-3370-169-1	FLYWHEEL (AR) ASSY		268	X-3367-591-2	ARM (B) ASSY, FR	
255	3-908-610-01	PULLEY, TENSION		269	3-911-114-01	SPRING (FR), TORSION	
256	3-908-599-01	LEVER (REV-A)		270	3-908-604-01	LEVER (TRIGGER B)	
257	3-908-601-01	SPRING (REV LEVER), TORSION		271	3-911-115-01	WASHER, STOPPER	
258	3-908-603-01	LEVER (TRIGGER A)		272	X-3367-587-1	CHASSIS ASSY, MECHANICAL	
259	X-3370-170-1	FLYWHEEL (BF) ASSY		* 273	3-381-776-01	HOLDER (LED)	
260	3-908-605-01	SPRING (TRIGGER), TORSION		274	3-917-176-01	BELT (B)	
261	3-908-609-01	GEAR, TRIGGER		275	X-3370-172-1	FLYWHEEL (AF) ASSY	
262	3-913-845-01	BELT (A)		M1	X-3369-110-1	MOTOR ASSY (CAPSTAN)	
263	3-913-846-01	BELT (FR)		M2	X-3369-111-1	MOTOR ASSY (TRIGGER)	
264	X-3370-171-1	FLYWHEEL (BR) ASSY					

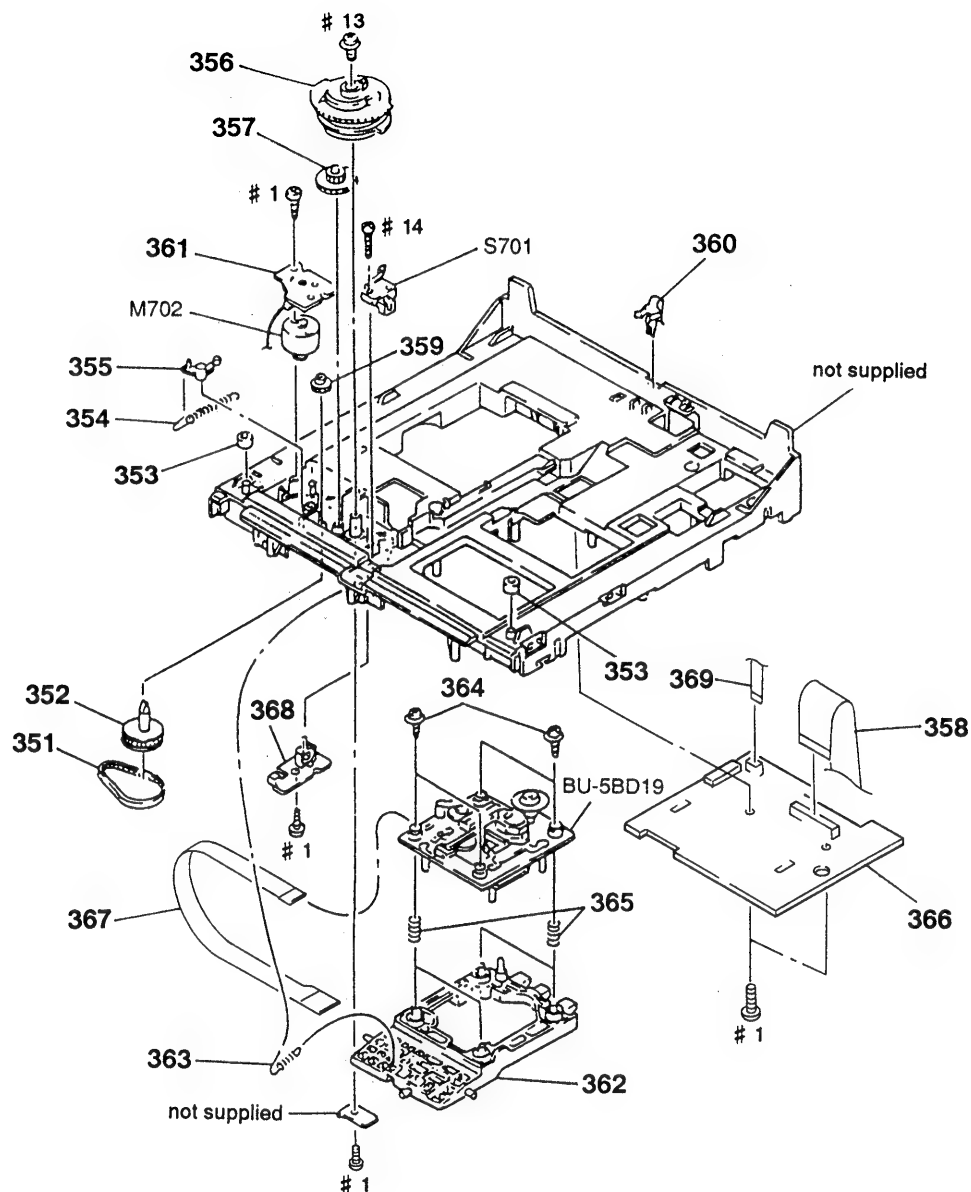
7-7. TRAY SECTION



Ref.No.	Part No.	Description
* 301	4-949-226-01	PLATE, LOCK
* 302	4-926-383-01	TABLE (B), DISK
303	4-926-384-01	SCREW, STEP
* 304	4-926-388-01	BRACKET (ADJUSTMENT)
305	X-4924-457-1	ROLLER ASSY
* 306	4-930-506-02	BRACKET (PRESS PULLEY)
* 307	1-452-538-11	MAGNET
308	4-926-399-01	BELT

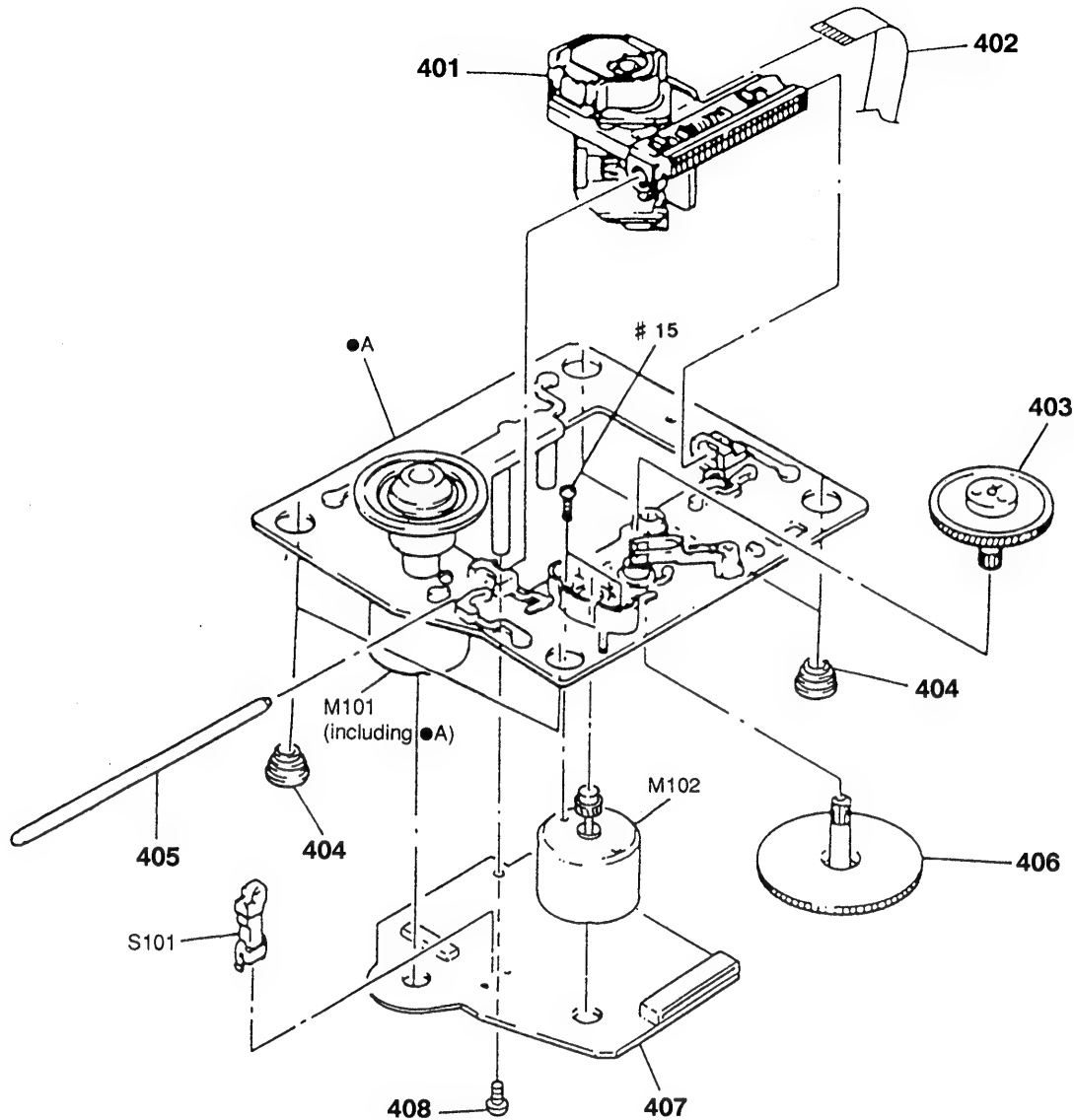
Ref.No.	Part No.	Description
309	4-926-395-01	SPRING, COMPRESSION
310	4-923-597-01	SCREW, STEP
311	4-955-787-81	TABLE, DISC
* 312	1-638-729-11	TABLE MOTOR BOARD
313	4-934-380-01	PULLEY (R)
D701	8-719-970-19	DIODE GP-1A521
M701	A-4353-976-A	MOTOR ASSY, ROTARY (TABLE)

7-8. CD CHASSIS SECTION



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
351	4-944-490-01	BELT (TIMING)		* 362	4-934-373-01	BRACKET (BU)	
352	X-4941-529-1	PULLEY ASSY		363	4-937-911-01	SPRING, TENSION	
* 353	4-951-619-01	CUSHION (A)		364	4-933-134-01	SCREW (+PTPW M2.6X6)	
354	4-924-412-01	SPRING (B), TENSION		365	4-958-593-01	SPRING (BU), COMPRESSION	
355	4-917-519-01	LEVER, SET					
356	4-934-391-01	GEAR (LOADING A)		* 366	A-4377-086-A	CD MAIN BOARD, COMPLETE	
357	4-934-381-01	GEAR (LOADING C)		367	1-654-751-11	FLEXIBLE BOARD	
358	1-769-303-11	WIRE (FLAT TYPE) (29 CORE)		* 368	1-638-731-11	OPEN/UP SW BOARD	
359	4-934-375-11	GEAR (LOADING B)		369	1-590-849-11	WIRE, FLAT TYPE (5 CORE)	
* 360	4-943-996-06	SPRING, LEAF		M702	A-4353-974-A	MOTOR ASSY, LOADING	
* 361	1-638-288-11	LOADING MOTOR BOARD		S701	1-572-713-11	SWITCH, PUSH (WITH CONNECTOR) (DOWN)	

7-9. BASE UNIT SECTION (BU-5BD19)



The components identified by mark \triangle or dotted line with mark \triangle are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque \triangle sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
\triangle 401	8-848-387-01	OPTICAL PICK-UP BLOCK (KSS-213BA/S-N)		* 407	A-4673-402-A	BD BOARD, COMPLETE	
402	1-769-069-11	WIRE (FLAT TYPE) (16 CORE)		408	4-951-620-01	SCREW (2.6X8), +BVTP	
403	4-917-567-21	GEAR (M)		M101	X-4917-523-4	MOTOR ASSY (SPINDLE)	
404	4-951-940-01	INSULATOR (BU)		M102	X-4917-504-1	MOTOR ASSY (SLED)	
405	4-917-565-01	SHAFT, SLED					
406	4-917-564-01	GEAR (P), FLATNESS		S101	1-572-085-11	SWITCH, LEAF	

SECTION 8

ELECTRICAL PARTS LIST

NOTE:

The components identified by mark Δ or dotted line with mark Δ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque Δ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

When indicating parts by reference number, please include the board name.

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- Items marked “*” are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- -XX, -X mean standardized parts, so they may have some difference from the original one.
- RESISTORS
All resistors are in ohms
METAL: Metal-film resistor
METAL OXIDE: Metal Oxide-film resistor
F: nonflammable
- SEMICONDUCTORS
In each case, u: μ , for example:
uA...: μ A..., uPA...: μ PA..., uPB...: μ PB...,
uPC...: μ PC..., uPD...: μ PD...
- CAPACITORS
uF: μ F

- COILS
uH: μ H
- Abbreviation
CND : Canadian model
G : German model
IT : Italian model
EA : Saudi Arabia model
MX : Mexican model
SP : Singapore model
MY : Malaysia model
AUS : Australian model
AR : Argentine model
E2 : E model with power source for PS-LX56P
E3 : E model without power source for PS-LX56P
AEP1 : AEP model without power source for PS-LX56P
AEP2 : AEP model with power source for PS-LX56P

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
*	1-654-658-11	5CD PANEL BOARD *****		R645	1-249-416-11	CARBON 820 5% 1/4W F	
		< DIODE >		R646	1-249-418-11	CARBON 1.2K 5% 1/4W F	
D615	8-719-046-43	DIODE SEL5421E-TP15 (CD) (D560/N350:CND, AEP, UK, G, IT)		R647	1-249-420-11	CARBON 1.8K 5% 1/4W F	
D615	8-719-052-22	DIODE SEL58420C-TP (CD) (N350:E, AUS, MX, AR, PX/N350K)		R648	1-249-423-11	CARBON 3.3K 5% 1/4W F	
D616	8-719-046-43	DIODE SEL5421E-TP15 (CD) (D560/N350:CND, AEP, UK, G, IT)		R649	1-249-427-11	CARBON 6.8K 5% 1/4W F	
D616	8-719-052-22	DIODE SEL58420C-TP (CD) (N350:E, AUS, MX, AR, PX/N350K)		R677	1-249-429-11	CARBON 10K 5% 1/4W (N350:E, AUS, MX, AR, PX/N350K)	
D641	8-719-032-87	DIODE SEL5420S-TP (DISC 3) (N350:E, AUS, MX, AR, PX/N350K)		R678	1-249-410-11	CARBON 270 5% 1/4W F	
D642	8-719-032-87	DIODE SEL5420S-TP (DISC 2) (N350:E, AUS, MX, AR, PX/N350K)		R679	1-249-410-11	CARBON 270 5% 1/4W F (N350:E, AUS, MX, AR, PX/N350K)	
D643	8-719-032-87	DIODE SEL5420S-TP (DISC 1) (N350:E, AUS, MX, AR, PX/N350K)		R680	1-249-410-11	CARBON 270 5% 1/4W F	
D644	8-719-032-87	DIODE SEL5420S-TP (DISC 5) (N350:E, AUS, MX, AR, PX/N350K)		R681	1-249-410-11	CARBON 270 5% 1/4W F (N350:E, AUS, MX, AR, PX/N350K)	
D645	8-719-032-87	DIODE SEL5420S-TP (DISC 4) (N350:E, AUS, MX, AR, PX/N350K)				< SWITCH >	
		< TRANSISTOR >		S634	1-554-303-21	SWITCH, TACTILE (CD)	
Q605	8-729-900-63	TRANSISTOR DTA124ES		S635	1-554-303-21	SWITCH, TACTILE (DISC 5)	
Q606	8-729-119-78	TRANSISTOR 2SC2785-HFE (N350:E, AUS, MX, AR, PX/N350K)		S636	1-554-303-21	SWITCH, TACTILE (DISC 4)	
Q613	8-729-422-57	TRANSISTOR UN4111 (N350:E, AUS, MX, AR, PX/N350K)		S637	1-554-303-21	SWITCH, TACTILE (OPEN/CLOSE Δ)	
Q614	8-729-900-80	TRANSISTOR DTC114ES (N350:E, AUS, MX, AR, PX/N350K)		S638	1-554-303-21	SWITCH, TACTILE (DISC 3)	
		< RESISTOR >		S639	1-554-303-21	SWITCH, TACTILE (DISC 2)	
R551	1-249-403-11	CARBON 68 5% 1/4W F (N350:E, AUS, MX, AR, PX/N350K)		S640	1-554-303-21	SWITCH, TACTILE (DISC 1)	
R552	1-247-811-31	CARBON 150 5% 1/4W (N350:E, AUS, MX, AR, PX/N350K)		S641	1-554-303-21	SWITCH, TACTILE (DISC SKIP)	
R642	1-249-411-11	CARBON 330 5% 1/4W				*****	
R643	1-249-413-11	CARBON 470 5% 1/4W F		*	A-4673-402-A	BD BOARD, COMPLETE *****	
R644	1-249-414-11	CARBON 560 5% 1/4W F				< CAPACITOR >	
				C101	1-126-607-11	ELECT CHIP 47uF 20% 4V	
				C102	1-163-275-11	CERAMIC CHIP 0.001uF 5% 50V	
				C103	1-164-346-11	CERAMIC CHIP 1uF 16V	
				C105	1-163-038-91	CERAMIC CHIP 0.1uF 25V	
				C106	1-164-695-11	CERAMIC CHIP 0.0022uF 5% 50V	
				C107	1-164-695-11	CERAMIC CHIP 0.0022uF 5% 50V	
				C108	1-164-232-11	CERAMIC CHIP 0.01uF 50V	
				C109	1-164-232-11	CERAMIC CHIP 0.01uF 50V	
				C110	1-163-989-11	CERAMIC CHIP 0.033uF 10% 25V	
				C111	1-163-038-91	CERAMIC CHIP 0.1uF 25V	

Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
C112	1-163-038-91	CERAMIC CHIP	0.1uF 25V	M102	X-4917-504-1	MOTOR ASSY (SLED)	
C113	1-164-695-11	CERAMIC CHIP	0.0022uF 5% 50V			< TRANSISTOR >	
C114	1-164-005-11	CERAMIC CHIP	0.47uF 25V				
C115	1-126-607-11	ELECT CHIP	47uF 20% 4V	Q101	8-729-010-08	TRANSISTOR MSB710-RT1	
C116	1-163-143-00	CERAMIC CHIP	0.0012uF 5% 50V	Q102	8-729-424-08	TRANSISTOR UN2111	
C117	1-164-005-11	CERAMIC CHIP	0.47uF 25V	Q103	8-729-421-22	TRANSISTOR UN2211	
C118	1-163-038-91	CERAMIC CHIP	0.1uF 25V			< RESISTOR >	
C119	1-163-038-91	CERAMIC CHIP	0.1uF 25V				
C120	1-135-201-11	TANTALUM CHIP	10uF 20% 4V	R102	1-216-001-00	METAL CHIP 10 5% 1/10W	
C121	1-163-038-91	CERAMIC CHIP	0.1uF 25V	R103	1-216-049-00	METAL CHIP 1K 5% 1/10W	
C122	1-164-232-11	CERAMIC CHIP	0.01uF 50V	R104	1-216-097-00	METAL CHIP 100K 5% 1/10W	
C123	1-163-038-91	CERAMIC CHIP	0.1uF 25V	R105	1-216-089-00	METAL CHIP 47K 5% 1/10W	
C124	1-126-607-11	ELECT CHIP	47uF 20% 4V	R106	1-216-089-00	METAL CHIP 47K 5% 1/10W	
C125	1-164-232-11	CERAMIC CHIP	0.01uF 50V	R107	1-216-089-00	METAL CHIP 47K 5% 1/10W	
C126	1-163-038-91	CERAMIC CHIP	0.1uF 25V	R108	1-216-089-00	METAL CHIP 47K 5% 1/10W	
C127	1-164-695-11	CERAMIC CHIP	0.0022uF 5% 50V	R109	1-216-097-00	METAL CHIP 100K 5% 1/10W	
C128	1-163-135-00	CERAMIC CHIP	560PF 5% 50V	R112	1-216-077-00	METAL CHIP 15K 5% 1/10W	
C129	1-163-038-91	CERAMIC CHIP	0.1uF 25V	R113	1-216-077-00	METAL CHIP 15K 5% 1/10W	
C130	1-164-336-11	CERAMIC CHIP	0.33uF 25V	R114	1-216-101-00	METAL CHIP 150K 5% 1/10W	
C131	1-163-038-91	CERAMIC CHIP	0.1uF 25V	R115	1-216-101-00	METAL CHIP 150K 5% 1/10W	
C132	1-163-037-11	CERAMIC CHIP	0.022uF 10% 25V	R116	1-216-061-00	METAL CHIP 3.3K 5% 1/10W	
C133	1-163-145-00	CERAMIC CHIP	0.0015uF 5% 50V	R117	1-216-093-00	METAL CHIP 68K 5% 1/10W	
C134	1-164-346-11	CERAMIC CHIP	1uF 16V	R118	1-216-049-00	METAL CHIP 1K 5% 1/10W	
C135	1-163-117-00	CERAMIC CHIP	100PF 5% 50V	R119	1-216-121-00	METAL CHIP 1M 5% 1/10W	
C136	1-164-005-11	CERAMIC CHIP	0.47uF 25V	R120	1-216-089-00	METAL CHIP 47K 5% 1/10W	
C137	1-164-232-11	CERAMIC CHIP	0.01uF 50V	R121	1-216-114-00	METAL GLAZE 510K 5% 1/10W	
C139	1-163-235-11	CERAMIC CHIP	22PF 5% 50V	R122	1-216-097-00	METAL CHIP 100K 5% 1/10W	
C140	1-163-235-11	CERAMIC CHIP	22PF 5% 50V	R123	1-216-099-00	METAL CHIP 120K 5% 1/10W	
C141	1-163-038-91	CERAMIC CHIP	0.1uF 25V	R124	1-216-091-00	METAL CHIP 56K 5% 1/10W	
C142	1-163-038-91	CERAMIC CHIP	0.1uF 25V	R125	1-216-069-00	METAL CHIP 6.8K 5% 1/10W	
C145	1-135-201-11	TANTALUM CHIP	10uF 20% 4V	R126	1-216-063-00	METAL CHIP 3.9K 5% 1/10W	
C146	1-135-201-11	TANTALUM CHIP	10uF 20% 4V	R127	1-216-089-00	METAL CHIP 47K 5% 1/10W	
C147	1-163-275-11	CERAMIC CHIP	0.001uF 5% 50V	R128	1-216-105-91	METAL GLAZE 220K 5% 1/10W	
C148	1-163-275-11	CERAMIC CHIP	0.001uF 5% 50V	R129	1-216-049-00	METAL CHIP 1K 5% 1/10W	
C149	1-164-346-11	CERAMIC CHIP	1uF 16V	R130	1-216-079-00	METAL CHIP 18K 5% 1/10W	
C153	1-135-259-11	TANTAL. CHIP	10uF 20% 6.3V	R131	1-216-079-00	METAL CHIP 18K 5% 1/10W	
C154	1-163-235-11	CERAMIC CHIP	22PF 5% 50V	R132	1-216-061-00	METAL CHIP 3.3K 5% 1/10W	
		< CONNECTOR >		R133	1-216-061-00	METAL CHIP 3.3K 5% 1/10W	
CNU101	1-770-014-11	CONNECTOR, FFC/FPC 16P		R134	1-216-065-00	METAL CHIP 4.7K 5% 1/10W	
CNU102	1-770-013-11	CONNECTOR, FFC/FPC 19P		R135	1-216-065-00	METAL CHIP 4.7K 5% 1/10W	
		< IC >		R136	1-216-073-00	METAL CHIP 10K 5% 1/10W	
IC101	8-752-069-56	IC CXA1782BQ		R137	1-216-065-00	METAL CHIP 4.7K 5% 1/10W	
IC102	8-759-291-06	IC BA6397FP-T1		R138	1-216-049-00	METAL CHIP 1K 5% 1/10W	
IC103	8-752-372-94	IC CXD2507AQ		R139	1-216-033-00	METAL CHIP 220 5% 1/10W	
IC104	8-759-185-29	IC PCM1710U-BT1		R140	1-216-081-00	METAL CHIP 22K 5% 1/10W	
		< MOTOR >		R141	1-216-061-00	METAL CHIP 3.3K 5% 1/10W	
M101	X-4917-523-4	MOTOR ASSY (SPINDLE)		R142	1-216-061-00	METAL CHIP 3.3K 5% 1/10W	
				R143	1-216-121-00	METAL CHIP 1M 5% 1/10W	
				R144	1-216-073-00	METAL CHIP 10K 5% 1/10W	
				R145	1-216-097-00	METAL CHIP 100K 5% 1/10W	

Ref.No.	Part No.	Description	Remark			Ref.No.	Part No.	Description	Remark		
R146	1-216-097-00	METAL CHIP	100K	5%	1/10W			< DIODE >			
R147	1-216-049-00	METAL CHIP	1K	5%	1/10W	D301	8-719-010-42	DIODE	UZ-5.6BSB		
R148	1-216-049-00	METAL CHIP	1K	5%	1/10W	D1762	8-719-024-99	DIODE	11ES2-NTA2B		
						D1763	8-719-024-99	DIODE	11ES2-NTA2B		
R149	1-216-049-00	METAL CHIP	1K	5%	1/10W	D1764	8-719-024-99	DIODE	11ES2-NTA2B		
R150	1-216-037-00	METAL CHIP	330	5%	1/10W			< IC >			
R151	1-216-037-00	METAL CHIP	330	5%	1/10W	IC301	8-759-172-31	IC	BA6191		
R152	1-216-037-00	METAL CHIP	330	5%	1/10W	IC302	8-759-604-30	IC	M5F7808		
R153	1-216-089-00	METAL CHIP	47K	5%	1/10W			< COIL >			
						L301	1-410-322-11	INDUCTOR	3.3uH		
R154	1-216-065-00	METAL CHIP	4.7K	5%	1/10W	L302	1-410-322-11	INDUCTOR	3.3uH		
R156	1-216-081-00	METAL CHIP	22K	5%	1/10W			< RESISTOR >			
R157	1-216-069-00	METAL CHIP	6.8K	5%	1/10W	R301	1-249-423-11	CARBON	3.3K	5%	
R158	1-216-001-00	METAL CHIP	10	5%	1/10W	R302	1-249-424-11	CARBON	3.9K	5%	
		< VARIABLE RESISTOR >				R303	1-249-415-11	CARBON	680	5%	
RV101	1-241-396-11	RES, ADJ, METAL GLAZE	22K			R304	1-247-834-11	CARBON	1.3K	5%	
RV102	1-241-396-11	RES, ADJ, METAL GLAZE	22K			R305	1-249-421-11	CARBON	2.2K	5%	
RV103	1-241-396-11	RES, ADJ, METAL GLAZE	22K								
		< SWITCH >				R306	1-249-421-11	CARBON	2.2K	5%	
S101	1-572-085-11	SWITCH, LEAF (LIMIT)				R307	1-249-415-11	CARBON	680	5%	
		< VIBRATOR >				R308	1-249-415-11	CARBON	680	5%	
X101	1-579-280-11	VIBRATOR, CRYSTAL (16.9344MHz)									
*****						*****					
*	A-4377-086-A	CD MAIN BOARD, COMPLETE				*	A-4378-088-A	DBFB BOARD, COMPLETE			
		*****						*****			
		< CAPACITOR >						(N350:E, AUS, MX, AR, PX/N350K)			
C301	1-124-480-11	ELECT	470uF	20%	25V			< CAPACITOR >			
C302	1-124-907-11	ELECT	10uF	20%	50V	C2101	1-124-925-11	ELECT	2.2uF	20%	
C303	1-124-907-11	ELECT	10uF	20%	50V	C2102	1-136-165-00	FILM	0.1uF	5%	
C304	1-164-159-11	CERAMIC	0.1uF		50V	C2103	1-136-165-00	FILM	0.1uF	5%	
C305	1-164-159-11	CERAMIC	0.1uF		50V	C2131	1-126-101-11	ELECT	100uF	20%	
						C2132	1-126-101-11	ELECT	100uF	20%	
C306	1-164-159-11	CERAMIC	0.1uF		50V						
C307	1-124-477-11	ELECT	47uF	20%	25V	C2133	1-124-463-00	ELECT	0.1uF	20%	
C308	1-124-477-11	ELECT	47uF	20%	25V	C2151	1-124-925-11	ELECT	2.2uF	20%	
C309	1-124-477-11	ELECT	47uF	20%	25V	C2152	1-136-165-00	FILM	0.1uF	5%	
C310	1-124-477-11	ELECT	47uF	20%	25V	C2153	1-136-165-00	FILM	0.1uF	5%	
								< CONNECTOR >			
C311	1-164-159-11	CERAMIC	0.1uF		50V	CN2101	1-564-506-11	PLUG, CONNECTOR	3P		
C312	1-137-368-11	FILM	0.0047uF	5%	50V	CN2102	1-564-511-11	PLUG, CONNECTOR	8P		
C313	1-137-368-11	FILM	0.0047uF	5%	50V			< DIODE >			
C321	1-124-907-11	ELECT	10uF	20%	50V	D2101	8-719-987-63	DIODE	1N4148M		
		< CONNECTOR >				D2102	8-719-933-47	DIODE	HZS7B2L		
* CN301	1-568-862-11	SOCKET, CONNECTOR	19P			D2103	8-719-933-47	DIODE	HZS7B2L		
CN302	1-770-064-11	CONNECTOR, FFC/FPC	29P								
* CN303	1-568-943-11	PIN, CONNECTOR	5P								
* CN304	1-568-824-11	SOCKET, CONNECTOR	5P								

Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
< IC >				C1611	1-124-477-11	ELECT 47uF 20% 25V	
IC2101	8-759-634-51	IC M5218AP		C1612	1-130-493-00	MYLAR 0.068uF 5% 50V	
< TRANSISTOR >				C1613	1-162-305-11	CERAMIC 0.0068uF 20% 16V	
Q2101	8-729-119-78	TRANSISTOR 2SC2785-HFE		C1614	1-130-480-00	MYLAR 0.0056uF 5% 50V	
Q2102	8-729-119-78	TRANSISTOR 2SC2785-HFE		C1615	1-124-903-11	ELECT 1uF 20% 50V	
Q2151	8-729-119-78	TRANSISTOR 2SC2785-HFE		C1616	1-162-302-11	CERAMIC 0.0022uF 20% 16V	
Q2152	8-729-119-78	TRANSISTOR 2SC2785-HFE		C1617	1-124-903-11	ELECT 1uF 20% 50V	
< RESISTOR >				C1618	1-162-282-31	CERAMIC 100PF 10% 50V	
R2101	1-249-437-11	CARBON 47K 5% 1/4W		C1619	1-162-282-31	CERAMIC 100PF 10% 50V	
R2102	1-247-807-31	CARBON 100 5% 1/4W		C1645	1-130-490-11	MYLAR 0.039uF 5% 50V	
R2103	1-249-429-11	CARBON 10K 5% 1/4W		C1658	1-124-925-11	ELECT 2.2uF 20% 100V	
R2104	1-249-433-11	CARBON 22K 5% 1/4W		C1681	1-162-290-31	CERAMIC 470PF 10% 50V	
R2105	1-247-903-00	CARBON 1M 5% 1/4W		C1682	1-162-290-31	CERAMIC 470PF 10% 50V	
R2106	1-249-419-11	CARBON 1.5K 5% 1/4W F		< DIODE >			
R2107	1-247-895-00	CARBON 470K 5% 1/4W		D1601	8-719-987-63	DIODE 1N4148M	
R2108	1-249-429-11	CARBON 10K 5% 1/4W		< IC >			
R2131	1-249-427-11	CARBON 6.8K 5% 1/4W F		IC1601	8-759-264-75	IC M65843P	
R2132	1-249-427-11	CARBON 6.8K 5% 1/4W F		IC1602	8-759-634-51	IC M5218AP	
R2133	1-249-429-11	CARBON 10K 5% 1/4W		< COIL >			
R2134	1-249-429-11	CARBON 10K 5% 1/4W		L1601	1-410-521-11	INDUCTOR 100uH	
R2135	1-249-413-11	CARBON 470 5% 1/4W F		< RESISTOR >			
R2136	1-249-441-11	CARBON 100K 5% 1/4W		R1601	1-247-903-00	CARBON 1M 5% 1/4W	
R2137	1-247-903-00	CARBON 1M 5% 1/4W		R1602	1-249-431-11	CARBON 15K 5% 1/4W	
R2151	1-249-437-11	CARBON 47K 5% 1/4W		R1603	1-249-431-11	CARBON 15K 5% 1/4W	
R2152	1-247-807-31	CARBON 100 5% 1/4W		R1604	1-249-431-11	CARBON 15K 5% 1/4W	
R2153	1-249-429-11	CARBON 10K 5% 1/4W		R1605	1-249-429-11	CARBON 10K 5% 1/4W	
R2154	1-249-433-11	CARBON 22K 5% 1/4W		R1606	1-249-433-11	CARBON 22K 5% 1/4W	
R2155	1-247-903-00	CARBON 1M 5% 1/4W		R1607	1-249-431-11	CARBON 15K 5% 1/4W	
R2156	1-249-419-11	CARBON 1.5K 5% 1/4W F		R1608	1-249-429-11	CARBON 10K 5% 1/4W	
R2157	1-247-895-00	CARBON 470K 5% 1/4W		R1609	1-249-431-11	CARBON 15K 5% 1/4W	
R2158	1-249-429-11	CARBON 10K 5% 1/4W		R1611	1-249-398-11	CARBON 27 5% 1/4W F	
*****				R1643	1-249-429-11	CARBON 10K 5% 1/4W	
*	A-4377-133-A	ECHO BOARD, COMPLETE (N350K)		R1644	1-249-431-11	CARBON 15K 5% 1/4W	
*****				R1645	1-249-437-11	CARBON 47K 5% 1/4W	
< CAPACITOR >				R1646	1-249-417-11	CARBON 1K 5% 1/4W F	
C1601	1-124-925-11	ELECT 2.2uF 20% 100V		R1656	1-249-434-11	CARBON 27K 5% 1/4W	
C1602	1-124-443-00	ELECT 100uF 20% 10V		R1681	1-249-427-11	CARBON 6.8K 5% 1/4W F	
C1603	1-164-159-11	CERAMIC 0.1uF 50V		< VARIABLE RESISTOR >			
C1604	1-161-494-00	CERAMIC 0.022uF 25V		RV1601	1-241-903-11	RES, VAR, CARBON 50K	
C1605	1-124-903-11	ELECT 1uF 20% 50V		RV1602	1-241-903-11	RES, VAR, CARBON 50K	
C1606	1-130-475-00	MYLAR 0.0022uF 5% 50V		< VIBRATOR >			
C1607	1-162-302-11	CERAMIC 0.0022uF 20% 16V		X1601	1-527-978-00	OSCILLATOR, CERAMIC	
C1608	1-130-493-00	MYLAR 0.068uF 5% 50V					
C1609	1-136-165-00	FILM 0.1uF 5% 50V					
C1610	1-136-165-00	FILM 0.1uF 5% 50V					

H. P. KEY CON

Ref.No.	Part No.	Description	Remark

*	1-654-657-11	H. P. BOARD	

		< CAPACITOR >	
C1706	1-162-282-31	CERAMIC 100PF 10% 50V	
C1707	1-162-282-31	CERAMIC 100PF 10% 50V	
		< CONNECTOR >	
* CN1205	1-568-954-11	PIN, CONNECTOR 5P	
		< JACK >	
J1201	1-569-113-11	JACK, LARGE TYPE (HEADPHONES)	

*	A-4377-135-A	KEY CON BOARD, COMPLETE (N350K)	

		< CAPACITOR >	
C1401	1-130-491-00	MYLAR 0.047uF 5% 50V	
C1402	1-124-907-11	ELECT 10uF 20% 50V	
C1403	1-124-907-11	ELECT 10uF 20% 50V	
C1404	1-124-907-11	ELECT 10uF 20% 50V	
C1405	1-124-907-11	ELECT 10uF 20% 50V	
C1406	1-124-907-11	ELECT 10uF 20% 50V	
C1431	1-130-493-00	MYLAR 0.068uF 5% 50V	
C1432	1-130-493-00	MYLAR 0.068uF 5% 50V	
C1433	1-130-493-00	MYLAR 0.068uF 5% 50V	
C1434	1-162-211-31	CERAMIC 33PF 5% 50V	
C1435	1-162-211-31	CERAMIC 33PF 5% 50V	
C1436	1-124-126-00	ELECT 47uF 20% 10V	
C1437	1-164-159-11	CERAMIC 0.1uF 50V	
C1438	1-124-443-00	ELECT 100uF 20% 10V	
C1439	1-124-907-11	ELECT 10uF 20% 50V	
C1448	1-124-907-11	ELECT 10uF 20% 50V	
C1461	1-162-294-31	CERAMIC 0.001uF 10% 50V	
C1462	1-162-306-11	CERAMIC 0.01uF 20% 16V	
C1466	1-162-600-11	CERAMIC 0.0047uF 20% 16V	
C1467	1-162-291-31	CERAMIC 560PF 10% 50V	
C1468	1-162-290-31	CERAMIC 470PF 10% 50V	
		< CONNECTOR >	
* CN1401	1-568-834-11	SOCKET, CONNECTOR 15P	
		< IC >	
IC1401	8-759-634-51	IC M5218AP	
IC1402	8-759-634-51	IC M5218AP	
IC1403	8-759-140-53	IC uPD4053BC	

Ref.No.	Part No.	Description	Remark
IC1404	8-759-260-30	IC M65840SP	
		< COIL >	
L1401	1-410-521-11	INDUCTOR 100uH	
		< TRANSISTOR >	
Q1401	8-729-900-80	TRANSISTOR DTC114ES	
Q1402	8-729-900-80	TRANSISTOR DTC114ES	
		< RESISTOR >	
R1401	1-249-441-11	CARBON 100K 5% 1/4W	
R1402	1-249-441-11	CARBON 100K 5% 1/4W	
R1403	1-249-435-11	CARBON 33K 5% 1/4W	
R1404	1-249-435-11	CARBON 33K 5% 1/4W	
R1405	1-249-435-11	CARBON 33K 5% 1/4W	
R1406	1-249-433-11	CARBON 22K 5% 1/4W	
R1407	1-249-433-11	CARBON 22K 5% 1/4W	
R1408	1-249-433-11	CARBON 22K 5% 1/4W	
R1409	1-249-433-11	CARBON 22K 5% 1/4W	
R1410	1-249-429-11	CARBON 10K 5% 1/4W	
R1411	1-247-903-00	CARBON 1M 5% 1/4W	
R1413	1-249-433-11	CARBON 22K 5% 1/4W	
R1414	1-249-433-11	CARBON 22K 5% 1/4W	
R1415	1-249-441-11	CARBON 100K 5% 1/4W	
R1416	1-249-441-11	CARBON 100K 5% 1/4W	
R1417	1-249-429-11	CARBON 10K 5% 1/4W	
R1421	1-249-417-11	CARBON 1K 5% 1/4W	F
R1422	1-249-429-11	CARBON 10K 5% 1/4W	
R1423	1-249-417-11	CARBON 1K 5% 1/4W	F
R1424	1-249-429-11	CARBON 10K 5% 1/4W	
R1431	1-259-884-11	CARBON 4.7M 5% 1/4W	
R1434	1-247-903-00	CARBON 1M 5% 1/4W	
R1435	1-247-807-31	CARBON 100 5% 1/4W	
R1436	1-247-807-31	CARBON 100 5% 1/4W	
R1438	1-247-807-31	CARBON 100 5% 1/4W	
R1448	1-249-429-11	CARBON 10K 5% 1/4W	
R1449	1-249-429-11	CARBON 10K 5% 1/4W	
R1450	1-249-441-11	CARBON 100K 5% 1/4W	
R1451	1-249-429-11	CARBON 10K 5% 1/4W	
R1452	1-249-425-11	CARBON 4.7K 5% 1/4W	F
R1453	1-249-429-11	CARBON 10K 5% 1/4W	
R1457	1-249-424-11	CARBON 3.9K 5% 1/4W	F
R1458	1-249-431-11	CARBON 15K 5% 1/4W	
R1459	1-249-429-11	CARBON 10K 5% 1/4W	
R1460	1-249-433-11	CARBON 22K 5% 1/4W	
		< VIBRATOR >	
X1101	1-567-927-11	VIBLATOR, CERAMIC	

LEAF SWITCH

LOADING MOTOR

MAIN

Ref.No.	Part No.	Description	Remark
*	1-650-669-11	LEAF SWITCH BOARD *****	
*	3-381-776-01	HOLDER (LED) < CONNECTOR >	
* CN1001	1-568-854-11	SOCKET, CONNECTOR 11P < TRANSISTOR >	
Q1001	8-719-710-02	TRANSISTOR PHOTO REFLECTOR NJL5165K-A	
Q1002	8-719-710-02	TRANSISTOR PHOTO REFLECTOR NJL5165K-A	
		< RESISTOR >	
R1001	1-249-412-11	CARBON 390 5% 1/4W F	
R1002	1-249-412-11	CARBON 390 5% 1/4W F	
R1003	1-249-414-11	CARBON 560 5% 1/4W F	
R1004	1-247-834-11	CARBON 1.3K 5% 1/4W	
R1005	1-247-818-11	CARBON 300 5% 1/4W	
		< SWITCH >	
S1001	1-692-832-11	SWITCH, PUSH (1 KEY) (A PLAY)	
S1002	1-692-832-11	SWITCH, PUSH (1 KEY) (B PLAY)	
S1003	1-572-248-11	SWITCH, LEAF (A HALF)	
S1004	1-571-281-21	SWITCH, LEAF (A CrO2)	
S1005	1-571-281-21	SWITCH, LEAF (REC A)	
S1006	1-572-248-11	SWITCH, LEAF (B HALF)	
S1008	1-571-281-21	SWITCH, LEAF (B CrO2)	
S1009	1-571-281-21	SWITCH, LEAF (REC B)	

*	1-639-288-11	LOADING MOTOR BOARD *****	
		< CAPACITOR >	
C705	1-162-302-11	CERAMIC 0.0022uF 30% 16V	
		< MOTOR >	
M702	A-4353-974-A	MOTOR ASSY (LOADING)	

Ref.No.	Part No.	Description	Remark
*	A-4377-060-A	MAIN BOARD, COMPLETE (N350:AEP2, UK) *****	
*	A-4377-087-A	MAIN BOARD, COMPLETE (D560/N350:CND) *****	
*	A-4377-101-A	MAIN BOARD, COMPLETE (N350:E2) *****	
*	A-4377-123-A	MAIN BOARD, COMPLETE (N350K:E3, MY, SP) *****	
*	A-4377-475-A	MAIN BOARD, COMPLETE (N350K:EA) *****	
*	A-4377-629-A	MAIN BOARD, COMPLETE (N350:AEP1) *****	
*	A-4377-625-A	MAIN BOARD, COMPLETE (N350:E3, MX, AR, PX) *****	
*	A-4377-627-A	MAIN BOARD, COMPLETE (N350:AUS) *****	
*	A-4377-809-A	MAIN BOARD, COMPLETE (N350:G) *****	
*	A-4377-812-A	MAIN BOARD, COMPLETE (N350:IT) *****	
		< CAPACITOR >	
C1	1-162-306-11	CERAMIC 0.01uF 30% 16V	
C2	1-124-477-11	ELECT 47uF 20% 25V (D560/N350:CND, AEP, UK, E, AUS, MX, AR, PX /N350K:E3, MY, SP)	
C2	1-126-101-11	ELECT 100uF 20% 16V (N350:G, IT/N350K:EA)	
C3	1-162-306-11	CERAMIC 0.01uF 30% 16V	
C4	1-162-306-11	CERAMIC 0.01uF 30% 16V (N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)	
C5	1-162-306-11	CERAMIC 0.01uF 30% 16V (N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)	
C6	1-162-306-11	CERAMIC 0.01uF 30% 16V (N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)	
C7	1-162-306-11	CERAMIC 0.01uF 30% 16V	
C8	1-162-306-11	CERAMIC 0.01uF 30% 16V	
C9	1-124-907-11	ELECT 10uF 20% 50V (D560/N350:CND, E, AUS, MX, AR, PX/N350K:E3, MY, SP)	
C9	1-162-306-11	CERAMIC 0.01uF 30% 16V (N350K:EA)	
C11	1-162-306-11	CERAMIC 0.01uF 30% 16V	
C12	1-124-120-11	ELECT 220uF 20% 25V (N350:G, IT/N350K:EA)	
C12	1-124-477-11	ELECT 47uF 20% 25V (D560/N350:CND, AEP, UK, E, AUS, MX, AR, PX /N350K:E3, MY, SP)	
C13	1-162-306-11	CERAMIC 0.01uF 30% 16V	

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
C14	1-162-306-11	CERAMIC	0.01uF 30% 16V	C48	1-164-159-11	CERAMIC	0.1uF 50V
C15	1-164-159-11	CERAMIC	0.1uF 50V				(N350K:EA)
C16	1-124-907-11	ELECT	10uF 20% 50V	C49	1-162-306-11	CERAMIC	0.01uF 30% 16V
C17	1-124-902-00	ELECT	0.47uF 20% 50V				(N350K:EA)
C18	1-124-903-11	ELECT	1uF 20% 50V	C51	1-164-031-11	CERAMIC	33PF 5% 50V
				C52	1-164-027-11	CERAMIC	22PF 5% 50V
C19	1-124-903-11	ELECT	1uF 20% 50V	C53	1-162-306-11	CERAMIC	0.01uF 30% 16V
C20	1-124-907-11	ELECT	10uF 20% 50V	C54	1-124-477-11	ELECT	47uF 20% 25V
C21	1-124-907-11	ELECT	10uF 20% 50V	C55	1-162-306-11	CERAMIC	0.01uF 30% 16V
C22	1-124-907-11	ELECT	10uF 20% 50V	C56	1-162-306-11	CERAMIC	0.01uF 30% 16V
C23	1-124-907-11	ELECT	10uF 20% 50V	C57	1-162-306-11	CERAMIC	0.01uF 30% 16V
C24	1-137-436-11	FILM	0.0039uF 5% 50V	C58	1-162-306-11	CERAMIC	0.01uF 30% 16V
			(D560/N350:CND, AEP, UK, G, IT)	C61	1-124-925-11	ELECT	2.2uF 20% 100V
C25	1-137-436-11	FILM	0.0039uF 5% 50V	C62	1-164-159-11	CERAMIC	0.1uF 50V
			(D560/N350:CND, AEP, UK, G, IT)	C63	1-162-306-11	CERAMIC	0.01uF 30% 16V
C26	1-136-158-00	FILM	0.027uF 5% 50V	C66	1-162-199-31	CERAMIC	10PF 5% 50V
			(N350:AEP, UK, E, AUS, MX, AR, PX/N350K)				(D560/N350:CND)
C26	1-136-160-00	FILM	0.039uF 5% 50V				
			(D560/N350:CND, G, IT)	C67	1-162-294-31	CERAMIC	0.001uF 10% 50V
C27	1-136-158-00	FILM	0.027uF 5% 50V				(N350:AEP, UK)
			(N350:AEP, UK, E, AUS, MX, AR, PX/N350K)	C68	1-162-306-11	CERAMIC	0.01uF 30% 16V
C27	1-136-160-00	FILM	0.039uF 5% 50V	C69	1-124-120-11	ELECT	220uF 20% 25V
			(D560/N350:CND, G, IT)	C71	1-136-173-00	FILM	0.47uF 5% 50V
C28	1-124-903-11	ELECT	1uF 20% 50V				(N350:AEP, UK)
C29	1-162-294-31	CERAMIC	0.001uF 10% 50V	C72	1-161-494-00	CERAMIC	0.022uF 25V
C30	1-162-600-11	CERAMIC	0.0047uF 30% 16V				(N350:AEP, UK)
C31	1-124-477-11	ELECT	47uF 20% 25V	C73	1-161-494-00	CERAMIC	0.022uF 25V
							(N350:AEP, UK)
C32	1-126-962-11	ELECT	3.3uF 20% 50V	C701	1-137-368-11	FILM	0.0047uF 5% 50V
C33	1-162-306-11	CERAMIC	0.01uF 30% 16V	C702	1-162-290-31	CERAMIC	470PF 10% 50V
C34	1-124-907-11	ELECT	10uF 20% 50V	C703	1-137-399-11	FILM	0.1uF 5% 50V
C35	1-162-306-11	CERAMIC	0.01uF 30% 16V				(D560/N350:CND, AEP, UK, G, IT)
C37	1-162-199-31	CERAMIC	10PF 5% 50V	C705	1-124-903-11	ELECT	1uF 20% 50V
			(N350K:EA)	C706	1-124-902-00	ELECT	0.47uF 20% 50V
C38	1-162-211-31	CERAMIC	33PF 5% 50V	C707	1-124-907-11	ELECT	10uF 20% 50V
			(N350:G, IT)	C710	1-124-907-11	ELECT	10uF 20% 50V
C39	1-162-195-31	CERAMIC	4.7PF 10% 50V	C711	1-124-903-11	ELECT	1uF 20% 50V
			(N350K:EA)	C712	1-124-443-00	ELECT	100uF 20% 10V
C40	1-101-005-00	CERAMIC	22000PF 50V	C801	1-137-368-11	FILM	0.0047uF 5% 50V
C41	1-164-159-11	CERAMIC	0.1uF 50V	C802	1-162-290-31	CERAMIC	470PF 10% 50V
			(N350:AEP, UK/N350K:EA)	C803	1-137-399-11	FILM	0.1uF 5% 50V
C42	1-162-196-31	CERAMIC	5.6PF 10% 50V				(D560/N350:CND, AEP, UK, G, IT)
			(N350:AEP, UK)	C805	1-124-903-11	ELECT	1uF 20% 50V
C42	1-162-198-31	CERAMIC	8.2PF 10% 50V	C806	1-124-902-00	ELECT	0.47uF 20% 50V
			(D560/N350:CND, E, AUS, MX, AR, PX, G, IT/N350K)	C807	1-124-907-11	ELECT	10uF 20% 50V
C43	1-162-306-11	CERAMIC	0.01uF 30% 16V	C810	1-124-907-11	ELECT	10uF 20% 50V
C44	1-102-120-00	CERAMIC	0.0018uF 10% 50V	C811	1-124-903-11	ELECT	1uF 20% 50V
			(N350:AEP, UK)	C812	1-124-443-00	ELECT	100uF 20% 10V
C45	1-162-301-11	CERAMIC	0.0015uF 30% 16V	C901	1-164-159-11	CERAMIC	0.1uF 50V
			(N350:AEP, UK)				
C46	1-101-005-00	CERAMIC	22000PF 50V	C902	1-164-159-11	CERAMIC	0.1uF 50V
			(N350:AEP, UK)	C903	1-164-159-11	CERAMIC	0.1uF 50V
C47	1-136-162-00	FILM	0.056uF 5% 50V	C906	1-126-101-11	ELECT	100uF 20% 16V
			(N350K:EA)				

Ref. No.	Part No.	Description	Remark			Ref. No.	Part No.	Description	Remark		
C1001	1-162-288-31	CERAMIC	330PF	10%	50V	C1224	1-124-925-11	ELECT	2. 2uF	20%	100V
			(N350:AEP, UK, G, IT)			C1248	1-137-375-11	FILM	0. 068uF	5%	50V
C1003	1-162-282-31	CERAMIC	100PF	10%	50V				(N350:AEP, UK, G, IT)		
C1004	1-162-282-31	CERAMIC	100PF	10%	50V	C1249	1-137-375-11	FILM	0. 068uF	5%	50V
C1005	1-124-927-11	ELECT	4. 7uF	20%	100V				(N350:AEP, UK, G, IT)		
C1006	1-162-600-11	CERAMIC	0. 0047uF	30%	16V	C1250	1-162-294-31	CERAMIC	0. 001uF	10%	50V
C1007	1-162-301-11	CERAMIC	0. 0015uF	30%	16V				(N350:AEP, UK, G, IT)		
C1008	1-124-902-00	ELECT	0. 47uF	20%	50V	C1298	1-137-375-11	FILM	0. 068uF	5%	50V
									(N350:AEP, UK, G, IT)		
C1009	1-124-126-00	ELECT	47uF	20%	10V	C1299	1-137-375-11	FILM	0. 068uF	5%	50V
			(N350:AEP, UK, G, IT)						(N350:AEP, UK, G, IT)		
C1010	1-162-306-11	CERAMIC	0. 01uF	30%	16V	C1300	1-162-294-31	CERAMIC	0. 001uF	10%	50V
C1021	1-162-286-31	CERAMIC	220PF	10%	50V				(N350:AEP, UK, G, IT)		
			(N350:AEP, UK, G, IT)			C1301	1-136-169-00	FILM	0. 22uF	5%	50V
C1033	1-124-907-11	ELECT	10uF	20%	50V	C1302	1-136-169-00	FILM	0. 22uF	5%	50V
C1034	1-124-907-11	ELECT	10uF	20%	50V	C1303	1-126-974-11	ELECT	3300uF	20%	50V
									(N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)		
C1051	1-162-288-31	CERAMIC	330PF	10%	50V	C1303	1-128-493-11	ELECT	4700uF	20%	71V
			(N350:AEP, UK, G, IT)						(D560/N350:CND)		
C1053	1-162-282-31	CERAMIC	100PF	10%	50V	C1304	1-126-974-11	ELECT	3300uF	20%	50V
C1054	1-162-282-31	CERAMIC	100PF	10%	50V				(N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)		
C1055	1-124-927-11	ELECT	4. 7uF	20%	100V						
C1056	1-162-600-11	CERAMIC	0. 0047uF	30%	16V	C1304	1-128-493-11	ELECT	4700uF	20%	71V
									(D560/N350:CND)		
C1057	1-162-301-11	CERAMIC	0. 0015uF	30%	16V	C1305	1-126-105-11	ELECT	1000uF	20%	35V
C1058	1-124-902-00	ELECT	0. 47uF	20%	50V	C1306	1-124-477-11	ELECT	47uF	20%	25V
C1059	1-124-126-00	ELECT	47uF	20%	10V	C1307	1-124-477-11	ELECT	47uF	20%	25V
			(N350:AEP, UK, G, IT)			C1321	1-124-122-11	ELECT	100uF	20%	50V
C1060	1-162-306-11	CERAMIC	0. 01uF	30%	16V						
C1071	1-162-286-31	CERAMIC	220PF	10%	50V	C1322	1-124-122-11	ELECT	100uF	20%	50V
			(N350:AEP, UK, G, IT)			C1326	1-124-907-11	ELECT	10uF	20%	50V
C1101	1-137-440-11	FILM	0. 018uF	5%	50V	C1327	1-124-907-11	ELECT	10uF	20%	50V
C1102	1-124-903-11	ELECT	1uF	20%	50V	C1331	1-136-165-00	FILM	0. 1uF	5%	50V
C1103	1-162-302-11	CERAMIC	0. 0022uF	30%	16V	C1332	1-136-165-00	FILM	0. 1uF	5%	50V
C1104	1-137-443-11	FILM	0. 056uF	5%	50V						
C1105	1-162-600-11	CERAMIC	0. 0047uF	30%	16V	C1333	1-126-946-11	ELECT	6800uF	20%	25V
						C1334	1-124-636-00	ELECT	3300uF	20%	25V
C1106	1-136-171-00	FILM	0. 33uF	5%	50V	C1341	1-124-907-11	ELECT	10uF	20%	50V
C1107	1-136-167-00	FILM	0. 15uF	5%	50V	C1342	1-124-902-00	ELECT	0. 47uF	20%	50V
C1131	1-124-907-11	ELECT	10uF	20%	50V	C1343	1-124-903-11	ELECT	1uF	20%	50V
C1133	1-162-306-11	CERAMIC	0. 01uF	30%	16V						
C1151	1-137-440-11	FILM	0. 018uF	5%	50V	C1344	1-162-306-11	CERAMIC	0. 01uF	30%	16V
						C1346	1-124-907-11	ELECT	10uF	20%	50V
C1152	1-124-903-11	ELECT	1uF	20%	50V	C1361	1-126-176-11	ELECT	220uF	20%	10V
C1153	1-162-302-11	CERAMIC	0. 0022uF	30%	16V	C1362	1-126-176-11	ELECT	220uF	20%	10V
C1154	1-137-443-11	FILM	0. 056uF	5%	50V	C1365	1-124-472-11	ELECT	470uF	20%	10V
C1155	1-162-600-11	CERAMIC	0. 0047uF	30%	16V						
C1156	1-136-171-00	FILM	0. 33uF	5%	50V	C1371	1-124-477-11	ELECT	47uF	20%	25V
									(N350:AEP2, UK, E2)		
C1157	1-136-167-00	FILM	0. 15uF	5%	50V	C1381	1-124-898-11	ELECT	4700uF	20%	16V
C1161	1-164-159-11	CERAMIC	0. 1uF		50V	C1501	1-124-471-00	ELECT	1000uF	20%	6. 3V
C1181	1-124-907-11	ELECT	10uF	20%	50V	C1503	1-162-294-31	CERAMIC	0. 001uF	10%	50V
C1183	1-162-306-11	CERAMIC	0. 01uF	30%	16V	C1504	1-124-477-11	ELECT	47uF	20%	25V
C1191	1-124-907-11	ELECT	10uF	20%	50V						
						C1506	1-136-165-00	FILM	0. 1uF	5%	50V
C1221	1-124-443-00	ELECT	100uF	20%	10V	C1507	1-162-294-31	CERAMIC	0. 001uF	10%	50V
C1222	1-126-176-11	ELECT	220uF	20%	10V	C1511	1-102-947-00	CERAMIC	10PF	5%	50V
C1223	1-126-176-11	ELECT	220uF	20%	10V	C1512	1-102-947-00	CERAMIC	10PF	5%	50V

Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
C1515	1-162-290-31	CERAMIC 470PF 10% 50V		D1310	8-719-987-63	DIODE 1N4148M (N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)	
C1801	1-124-907-11	ELECT 10uF 20% 50V		D1311	8-719-024-99	DIODE 11ES2-NTA2B	
C1802	1-162-306-11	CERAMIC 0.01uF 30% 16V		D1321	8-719-024-99	DIODE 11ES2-NTA2B	
C1803	1-124-925-11	ELECT 2.2uF 20% 100V		D1322	8-719-024-99	DIODE 11ES2-NTA2B	
< FILTER >				D1323	8-719-934-18	LED HZS27-2L	
CF1	1-567-389-11	FILTER, CERAMIC (10.7MHz)		D1331	8-719-200-02	DIODE 10E2	
CF2	1-760-393-11	FILTER, CERAMIC (10.7MHz) (N350:AEP, UK, G, IT)		D1332	8-719-200-02	DIODE 10E2	
CF3	1-567-389-11	FILTER, CERAMIC (10.7MHz) (D560/N350:CND, E, AUS, MX, AR, PX/N350K)		D1333	8-719-200-02	DIODE 10E2	
CF3	1-760-393-11	FILTER, CERAMIC (10.7MHz) (N350:AEP, UK, G, IT)		D1334	8-719-200-02	DIODE 10E2	
CF4	1-760-220-11	FILTER, CERAMIC (10.7MHz)		D1341	8-719-987-63	DIODE 1N4148M	
CF5	1-527-981-00	FILTER, CERAMIC (450kHz)		D1361	8-719-987-63	DIODE 1N4148M	
CF6	1-577-075-11	OSCILLATOR, CERAMIC (456kHz)		D1362	8-719-987-63	DIODE 1N4148M	
< CONNECTOR >				D1363	8-719-024-99	DIODE 11ES2-NTA2B	
CN901	1-568-838-11	SOCKET, CONNECTOR 21P		D1364	8-719-024-99	DIODE 11ES2-NTA2B	
* CN902	1-568-830-11	SOCKET, CONNECTOR 11P		D1371	8-719-024-99	DIODE 11ES2-NTA2B (N350:AEP2, UK, E2)	
* CN903	1-560-061-00	PIN, CONNECTOR 3P		D1372	8-719-024-99	DIODE 11ES2-NTA2B (N350:AEP2, UK, E2)	
* CN1003	1-568-955-11	PIN, CONNECTOR 6P (N350K)		D1373	8-719-024-99	DIODE 11ES2-NTA2B (N350:AEP2, UK, E2)	
* CN1006	1-568-834-11	SOCKET, CONNECTOR 15P (N350K)		D1374	8-719-024-99	DIODE 11ES2-NTA2B (N350:AEP2, UK, E2)	
* CN1301	1-564-512-11	PLUG, CONNECTOR 9P		D1375	8-719-024-99	DIODE 11ES2-NTA2B	
* CN1302	1-564-509-11	PLUG, CONNECTOR 6P		D1376	8-719-024-99	DIODE 11ES2-NTA2B	
* CN1371	1-566-210-11	PIN, CONNECTOR 3P (N350:AEP2, UK, E2)		D1377	8-719-024-99	DIODE 11ES2-NTA2B	
* CN1501	1-568-834-11	SOCKET, CONNECTOR 15P		D1378	8-719-024-99	DIODE 11ES2-NTA2B	
CN1751	1-770-064-11	CONNECTOR, FFC/FPC 29P		D1381	8-719-024-99	DIODE 11ES2-NTA2B	
< TRIMMER >				D1382	8-719-024-99	DIODE 11ES2-NTA2B	
CT1	1-141-227-00	CAP, TRIMMER 20PF (N350K:EA)		D1383	8-719-024-99	DIODE 11ES2-NTA2B	
CT2	1-141-227-00	CAP, TRIMMER 20PF (N350K:EA)		D1501	8-719-024-99	DIODE 11ES2-NTA2B	
< DIODE >				D1502	8-719-987-63	DIODE 1N4148M	
D1	8-719-987-63	DIODE 1N4148M		D1503	8-719-024-99	DIODE 11ES2-NTA2B	
D5	8-719-976-30	DIODE KV1560N (N350K:EA)		D1521	8-719-987-63	DIODE 1N4148M	
D901	8-719-933-54	DIODE HZS9A2L		D1525	8-719-987-63	DIODE 1N4148M	
D1204	8-719-815-85	DIODE 1S1585 (D560/N350:CND)		D1751	8-719-987-63	DIODE 1N4148M	
D1204	8-719-987-63	DIODE 1N4148M (N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)		< FRONTEND >			
D1205	8-719-815-85	DIODE 1S1585 (D560/N350:CND)		FE1	1-465-673-11	FRONT END (2 BAND) (D560/N350:CND)	
D1205	8-719-987-63	DIODE 1N4148M (N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)		FE1	1-693-090-51	FRONT END (FM) (2 GANG) (N350:E, AUS, MX, AR, PX/N350K)	
D1303	8-719-028-23	DIODE D3SBA20-4101 (N350:AEP, UK, G, IT)		FE1	1-693-217-11	FRONT END (4 GANG) (N350:AEP, UK, G, IT)	
D1303	8-719-510-68	DIODE D5SBA20F01 (D560/N350:CND, E, AUS, MX, AR, PX/N350K)		< IC >			
D1306	8-719-001-42	DIODE UZL-11M1		IC1	8-759-200-60	IC TA7060AP (N350:AEP, UK, G, IT)	
D1309	8-719-815-85	DIODE 1S1585 (D560/N350:CND)		IC2	8-759-200-60	IC TA7060AP (N350:AEP, UK, G, IT)	
D1309	8-719-987-63	DIODE 1N4148M (N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)		IC3	8-759-176-03	IC LA1835	
D1310	8-719-815-85	DIODE 1S1585 (D560/N350:CND)		IC51	8-759-288-54	IC LC72130	
				IC901	8-759-289-38	IC HA12195NT (D560/N350:CND, AEP, UK, G, IT)	
				IC901	8-759-289-39	IC HA12196NT (N350:E, AUS, MX, AR, PX/N350K)	
				IC902	8-759-822-09	IC LB1641	
				IC1001	8-759-634-51	IC M5218AP	
				IC1002	8-759-000-48	IC MC14052BCP	

Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
IC1003	8-759-140-53	IC	uPD4053BC	Q9	8-729-900-80	TRANSISTOR	DTC114ES (N350:AEP, UK/N350K:EA)
IC1051	8-759-333-93	IC	TMP87CP64F-6254	Q10	8-729-900-80	TRANSISTOR	DTC114ES (N350:AEP, UK/N350K:EA)
IC1052	8-759-925-74	IC	SN74HC04ANS	Q11	8-729-900-80	TRANSISTOR	DTC114ES (N350:AEP, UK/N350K:EA)
IC1052	8-759-269-92	IC	SN74HCU04ANS-E20	Q701	8-729-119-78	TRANSISTOR	2SC2785-HFE
IC1101	8-759-291-98	IC	M62423FP	Q801	8-729-119-78	TRANSISTOR	2SC2785-HFE
IC1131	8-759-281-42	IC	TC9210P	Q901	8-729-119-78	TRANSISTOR	2SC2785-HFE
IC1202	8-759-111-68	IC	uPC1237HA	Q902	8-729-900-65	TRANSISTOR	DTA144ES
IC1341	8-759-820-13	IC	L78MR06	Q903	8-729-111-29	TRANSISTOR	2SD1616A-K (N350:AEP, UK, G, IT)
< IFT >				Q903	8-729-801-93	TRANSISTOR	2SD1387 (D560/N350:CND, E, AUS, MX, AR, PX/N350K)
IFT1	1-409-636-11	TRANSFORMER, IF (CERAMIC FILTER)		Q904	8-729-111-29	TRANSISTOR	2SD1616A-K (N350:AEP, UK, G, IT)
< JACK >				Q905	8-729-111-29	TRANSISTOR	2SD1616A-K (N350:AEP, UK, G, IT)
* J1001	1-580-912-11	JACK, PIN 4P		Q906	8-729-900-80	TRANSISTOR	DTC114ES
< COIL >				Q907	8-729-422-57	TRANSISTOR	UN4111
L1	1-407-500-00	INDUCTOR	4.7mH (N350:AEP, UK)	Q908	8-729-119-76	TRANSISTOR	2SA1175-HFE
L1	1-410-688-31	INDUCTOR	1.5mH (D560/N350:CND, E, AUS, MX, AR, PX, G, IT/N350K)	Q909	8-729-900-80	TRANSISTOR	DTC114ES
L2	1-410-336-11	INDUCTOR	220uH (N350:G, IT)	Q910	8-729-900-65	TRANSISTOR	DTA144ES
L2	1-410-525-11	INDUCTOR	220uH (N350:AEP, UK)	Q911	8-729-900-65	TRANSISTOR	DTA144ES
L31	1-414-142-11	INDUCTOR	1uH (N350:G, IT)	Q912	8-729-900-65	TRANSISTOR	DTA144ES
L1201	1-420-872-00	COIL, AIR-CORE	(D560/N350:CND, AEP, UK, G, IT)	Q1001	8-729-900-80	TRANSISTOR	DTC114ES (D560/N350)
L1251	1-420-872-00	COIL, AIR-CORE	(D560/N350:CND, AEP, UK, G, IT)	Q1002	8-729-900-80	TRANSISTOR	DTC114ES
L1501	1-410-509-11	INDUCTOR	10uH	Q1003	8-729-900-80	TRANSISTOR	DTC114ES (N350K)
< FILTER >				Q1004	8-729-900-80	TRANSISTOR	DTC114ES
LPF1	1-239-597-11	FILTER, LOW PASS	(D560/N350:CND, AEP, UK, G, IT)	Q1101	8-729-119-78	TRANSISTOR	2SC2785-HFE (D560/N350)
LPF2	1-239-597-11	FILTER, LOW PASS	(D560/N350:CND, AEP, UK, G, IT)	Q1101	8-729-900-80	TRANSISTOR	DTC114ES (N350K)
< TRANSISTOR >				Q1102	8-729-119-78	TRANSISTOR	2SC2785-HFE
Q1	8-729-230-99	TRANSISTOR	2SC2669-OY (D560/N350:CND, E, AUS, MX, AR, PX/N350K)	Q1103	8-729-900-63	TRANSISTOR	DTA124ES
Q2	8-729-230-99	TRANSISTOR	2SC2669-OY (D560/N350:CND, E, AUS, MX, AR, PX/N350K)	Q1151	8-729-119-78	TRANSISTOR	2SC2785-HFE
Q3	8-729-230-99	TRANSISTOR	2SC2669-OY (D560/N350:CND, E, AUS, MX, AR, PX/N350K)	Q1152	8-729-119-78	TRANSISTOR	2SC2785-HFE
Q4	8-729-230-99	TRANSISTOR	2SC2669-OY (D560/N350:CND, E, AUS, MX, AR, PX/N350K)	Q1204	8-729-900-63	TRANSISTOR	DTA124ES
Q5	8-729-422-57	TRANSISTOR	UN4111	Q1205	8-729-900-36	TRANSISTOR	DTC124ES
Q6	8-729-119-76	TRANSISTOR	2SA1175-HFE (N350:AEP, UK/N350K:EA)	Q1206	8-729-900-36	TRANSISTOR	DTC124ES
Q7	8-729-119-76	TRANSISTOR	2SA1175-HFE (N350:AEP, UK/N350K:EA)	Q1301	8-729-111-29	TRANSISTOR	2SD1616A-K
Q8	8-729-900-80	TRANSISTOR	DTC114ES (N350:AEP, UK/N350K:EA)	Q1303	8-729-900-36	TRANSISTOR	DTC124ES
< RESISTOR >				Q1321	8-729-118-00	TRANSISTOR	2SB1116-L
R4	1-249-402-11	CARBON	56 5% 1/4W F	Q1322	8-729-118-00	TRANSISTOR	2SB1116-L
R5	1-249-411-11	CARBON	330 5% 1/4W	Q1361	8-729-118-00	TRANSISTOR	2SB1116-L
				Q1362	8-729-900-36	TRANSISTOR	DTC124ES
				Q1501	8-729-119-78	TRANSISTOR	2SC2785-HFE
				Q1511	8-729-119-76	TRANSISTOR	2SA1175-HFE
				Q1801	8-729-119-78	TRANSISTOR	2SC2785-HFE

MAIN

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
R6	1-249-433-11	CARBON	22K 5% 1/4W	R53	1-249-417-11	CARBON	1K 5% 1/4W F (D560/N350:CND)
R7	1-249-411-11	CARBON	330 5% 1/4W				
R8	1-249-414-11	CARBON	560 5% 1/4W F (D560/N350:CND, E, AUS, MX, AR, PX/N350K)	R53	1-249-429-11	CARBON	10K 5% 1/4W (N350:AEP, UK, G, IT, E, AUS, MX, AR, PX/N350K)
R9	1-249-433-11	CARBON	22K 5% 1/4W	R55	1-249-429-11	CARBON	10K 5% 1/4W
R10	1-249-411-11	CARBON	330 5% 1/4W	R56	1-249-417-11	CARBON	1K 5% 1/4W F (N350:AEP, UK/N350K:EA)
R11	1-249-433-11	CARBON	22K 5% 1/4W	R57	1-249-429-11	CARBON	10K 5% 1/4W (N350:AEP, UK/N350K:EA)
R12	1-249-411-11	CARBON	330 5% 1/4W	R58	1-249-417-11	CARBON	1K 5% 1/4W F
R13	1-249-411-11	CARBON	330 5% 1/4W (N350K:EA)	R59	1-249-417-11	CARBON	1K 5% 1/4W F
R14	1-249-433-11	CARBON	22K 5% 1/4W	R60	1-249-405-11	CARBON	100 5% 1/4W F
R15	1-249-405-11	CARBON	100 5% 1/4W F	R61	1-249-423-11	CARBON	3.3K 5% 1/4W F
R16	1-249-442-11	CARBON	510 5% 1/4W	R62	1-249-425-11	CARBON	4.7K 5% 1/4W F
R17	1-249-403-11	CARBON	68 5% 1/4W F	R63	1-249-425-11	CARBON	4.7K 5% 1/4W F
R18	1-247-842-11	CARBON	3K 5% 1/4W	R64	1-249-425-11	CARBON	4.7K 5% 1/4W F
R19	1-249-441-11	CARBON	100K 5% 1/4W	R65	1-247-807-31	CARBON	100 5% 1/4W
R20	1-249-429-11	CARBON	10K 5% 1/4W	R66	1-249-425-11	CARBON	4.7K 5% 1/4W F
R21	1-249-423-11	CARBON	3.3K 5% 1/4W F	R71	1-249-423-11	CARBON	3.3K 5% 1/4W F (N350:AEP, UK)
R22	1-249-423-11	CARBON	3.3K 5% 1/4W F	R72	1-249-433-11	CARBON	22K 5% 1/4W (N350:AEP, UK)
R23	1-249-426-11	CARBON	5.6K 5% 1/4W				
R24	1-249-426-11	CARBON	5.6K 5% 1/4W	R73	1-249-425-11	CARBON	4.7K 5% 1/4W F (N350:AEP, UK)
R25	1-249-429-11	CARBON	10K 5% 1/4W	R74	1-249-425-11	CARBON	4.7K 5% 1/4W F (N350:AEP, UK)
R26	1-249-429-11	CARBON	10K 5% 1/4W (N350:AEP, UK/N350K:EA)	R75	1-249-425-11	CARBON	4.7K 5% 1/4W F (N350:AEP, UK)
R40	1-249-395-11	CARBON	15 5% 1/4W F (N350K:EA)	R701	1-249-430-11	CARBON	12K 5% 1/4W
R40	1-249-399-11	CARBON	33 5% 1/4W F (D560/N350/N350K:E, MY, SP)	R702	1-249-431-11	CARBON	15K 5% 1/4W
R41	1-249-429-11	CARBON	10K 5% 1/4W (N350:AEP, UK/N350K:EA)	R703	1-215-451-00	METAL	18K 1% 1/4W (D560/N350:CND, AEP, UK, G, IT)
R42	1-249-429-11	CARBON	10K 5% 1/4W (N350:AEP, UK/N350K:EA)	R704	1-249-428-11	CARBON	8.2K 5% 1/4W F
R43	1-249-441-11	CARBON	100K 5% 1/4W	R705	1-249-425-11	CARBON	4.7K 5% 1/4W F
R44	1-249-425-11	CARBON	4.7K 5% 1/4W F (N350:AEP, UK/N350K:EA)	R706	1-249-429-11	CARBON	10K 5% 1/4W
R45	1-249-437-11	CARBON	47K 5% 1/4W	R707	1-249-429-11	CARBON	10K 5% 1/4W
R46	1-247-903-00	CARBON	1M 5% 1/4W (N350:AEP, UK, G, IT)	R708	1-249-429-11	CARBON	10K 5% 1/4W
R47	1-249-433-11	CARBON	22K 5% 1/4W (N350:AEP, UK/N350K:EA)	R709	1-249-429-11	CARBON	10K 5% 1/4W
R48	1-249-437-11	CARBON	47K 5% 1/4W (N350:AEP, UK)	R710	1-249-429-11	CARBON	10K 5% 1/4W
R49	1-247-903-00	CARBON	1M 5% 1/4W (N350K:EA)	R711	1-249-429-11	CARBON	10K 5% 1/4W
R50	1-249-401-11	CARBON	47 5% 1/4W F	R712	1-249-429-11	CARBON	10K 5% 1/4W
R51	1-249-417-11	CARBON	1K 5% 1/4W F (D560/N350:CND)	R713	1-249-429-11	CARBON	10K 5% 1/4W
R51	1-249-423-11	CARBON	3.3K 5% 1/4W F (N350:AEP, UK, G, IT, E, AUS, MX, AR, PX/N350K)	R714	1-249-420-11	CARBON	1.8K 5% 1/4W F
R52	1-249-417-11	CARBON	1K 5% 1/4W F (D560/N350:CND)	R715	1-249-433-11	CARBON	22K 5% 1/4W
R52	1-249-429-11	CARBON	10K 5% 1/4W (N350:AEP, UK, G, IT, E, AUS, MX, AR, PX/N350K)	R716	1-249-421-11	CARBON	2.2K 5% 1/4W F
				R717	1-249-428-11	CARBON	8.2K 5% 1/4W F
				R718	1-249-417-11	CARBON	1K 5% 1/4W F
				R801	1-249-430-11	CARBON	12K 5% 1/4W
				R802	1-249-431-11	CARBON	15K 5% 1/4W
				R804	1-249-428-11	CARBON	8.2K 5% 1/4W F
				R805	1-249-425-11	CARBON	4.7K 5% 1/4W F

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
R806	1-247-882-11	CARBON	130K 5% 1/4W	R1014	1-249-429-11	CARBON	10K 5% 1/4W
R807	1-247-866-11	CARBON	30K 5% 1/4W	R1021	1-249-422-11	CARBON	2.7K 5% 1/4W F
R808	1-247-864-11	CARBON	24K 5% 1/4W	R1022	1-249-427-11	CARBON	6.8K 5% 1/4W F
R809	1-249-429-11	CARBON	10K 5% 1/4W				
			(D560/N350:CND, AEP, UK, G, IT)	R1049	1-249-441-11	CARBON	100K 5% 1/4W
R814	1-249-420-11	CARBON	1.8K 5% 1/4W F	R1051	1-249-417-11	CARBON	1K 5% 1/4W F
							(N350:AEP, UK, G, IT)
R815	1-249-433-11	CARBON	22K 5% 1/4W	R1052	1-249-417-11	CARBON	1K 5% 1/4W F
R816	1-249-421-11	CARBON	2.2K 5% 1/4W F	R1053	1-249-437-11	CARBON	47K 5% 1/4W
R817	1-249-428-11	CARBON	8.2K 5% 1/4W F	R1054	1-249-416-11	CARBON	820 5% 1/4W F
R818	1-249-417-11	CARBON	1K 5% 1/4W F				(D560/N350:CND, AEP, UK, G, IT)
R901	1-249-425-11	CARBON	4.7K 5% 1/4W F				
				R1054	1-249-419-11	CARBON	1.5K 5% 1/4W F
R902	1-249-425-11	CARBON	4.7K 5% 1/4W F				(N350:E, AUS, MX, AR, PX/N350K)
R903	1-249-425-11	CARBON	4.7K 5% 1/4W F	R1055	1-247-897-11	CARBON	560K 5% 1/4W
R904	1-249-417-11	CARBON	1K 5% 1/4W F	R1056	1-249-437-11	CARBON	47K 5% 1/4W
R905	1-249-437-11	CARBON	47K 5% 1/4W	R1057	1-249-422-11	CARBON	2.7K 5% 1/4W F
R906	1-249-437-11	CARBON	47K 5% 1/4W	R1058	1-249-427-11	CARBON	6.8K 5% 1/4W F
R907	1-249-437-11	CARBON	47K 5% 1/4W	R1059	1-249-409-11	CARBON	220 5% 1/4W F
R908	1-249-437-11	CARBON	47K 5% 1/4W				(N350:AEP, UK, G, IT)
R914	1-249-433-11	CARBON	22K 5% 1/4W	R1071	1-249-422-11	CARBON	2.7K 5% 1/4W F
R915	1-249-433-11	CARBON	22K 5% 1/4W	R1072	1-249-427-11	CARBON	6.8K 5% 1/4W F
R916	1-249-411-11	CARBON	330 5% 1/4W	R1099	1-249-441-11	CARBON	100K 5% 1/4W
				R1100	1-249-434-11	CARBON	27K 5% 1/4W
R917	1-249-427-11	CARBON	6.8K 5% 1/4W F				
R918	1-249-429-11	CARBON	10K 5% 1/4W	R1131	1-249-441-11	CARBON	100K 5% 1/4W
R920	1-249-429-11	CARBON	10K 5% 1/4W	R1141	1-249-425-11	CARBON	4.7K 5% 1/4W F
R921	1-249-417-11	CARBON	1K 5% 1/4W F	R1142	1-249-437-11	CARBON	47K 5% 1/4W
R922	1-249-417-11	CARBON	1K 5% 1/4W F	R1143	1-249-433-11	CARBON	22K 5% 1/4W
			(N350:AEP, UK, G, IT)	R1144	1-249-429-11	CARBON	10K 5% 1/4W
R923	1-249-417-11	CARBON	1K 5% 1/4W F	R1145	1-249-433-11	CARBON	22K 5% 1/4W
			(N350:AEP, UK, G, IT)	R1146	1-249-417-11	CARBON	1K 5% 1/4W F
R924	1-249-381-11	CARBON	1 5% 1/4W F	R1150	1-249-434-11	CARBON	27K 5% 1/4W
			(N350:AEP, UK, G, IT)	R1181	1-249-441-11	CARBON	100K 5% 1/4W
R925	1-249-381-11	CARBON	1 5% 1/4W F	R1191	1-249-425-11	CARBON	4.7K 5% 1/4W F
			(N350:AEP, UK, G, IT)				
R926	1-249-381-11	CARBON	1 5% 1/4W F	R1194	1-249-429-11	CARBON	10K 5% 1/4W
			(N350:AEP, UK, G, IT)	R1195	1-249-433-11	CARBON	22K 5% 1/4W
R1001	1-249-417-11	CARBON	1K 5% 1/4W F	R1196	1-249-417-11	CARBON	1K 5% 1/4W F
			(N350:AEP, UK, G, IT)	R1220	1-249-389-11	CARBON	4.7 5% 1/4W F
							(D560/N350:CND, AEP, UK, G, IT)
R1002	1-249-417-11	CARBON	1K 5% 1/4W F	R1221	1-249-389-11	CARBON	4.7 5% 1/4W F
R1003	1-249-437-11	CARBON	47K 5% 1/4W				(D560/N350:CND, AEP, UK, G, IT)
R1004	1-249-416-11	CARBON	820 5% 1/4W F				
			(D560/N350:CND, AEP, UK, G, IT)	R1222	1-249-409-11	CARBON	220 5% 1/4W F
R1004	1-249-419-11	CARBON	1.5K 5% 1/4W F				(N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)
			(N350:E, AUS, MX, AR, PX/N350K)	R1222	1-249-411-11	CARBON	330 5% 1/4W
R1005	1-247-897-11	CARBON	560K 5% 1/4W				(D560/N350:CND)
				R1223	1-249-409-11	CARBON	220 5% 1/4W F
R1006	1-249-437-11	CARBON	47K 5% 1/4W				(N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)
R1007	1-249-422-11	CARBON	2.7K 5% 1/4W F	R1223	1-249-411-11	CARBON	330 5% 1/4W
R1008	1-249-427-11	CARBON	6.8K 5% 1/4W F				(D560/N350:CND)
R1009	1-249-409-11	CARBON	220 5% 1/4W F	R1226	1-216-454-11	METAL OXIDE	390 5% 2W F
			(N350:AEP, UK, G, IT)				(N350:AEP, UK, G, IT)
R1011	1-249-429-11	CARBON	10K 5% 1/4W				
				R1226	1-216-456-00	METAL OXIDE	820 5% 2W F
R1012	1-249-429-11	CARBON	10K 5% 1/4W				(N350:E, AUS, MX, AR, PX/N350K)
R1013	1-249-429-11	CARBON	10K 5% 1/4W				

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
R1226	1-216-481-11	METAL OXIDE	1. 2K 5% 3W F (D560/N350:CND)	R1502	1-249-433-11	CARBON	22K 5% 1/4W
R1233	1-247-854-11	CARBON	9. 1K 5% 1/4W (D560/N350:CND)	R1503	1-249-433-11	CARBON	22K 5% 1/4W
R1233	1-249-425-11	CARBON	4. 7K 5% 1/4W F (N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)	R1511	1-249-429-11	CARBON	10K 5% 1/4W
R1234	1-247-854-11	CARBON	9. 1K 5% 1/4W (D560/N350:CND)	R1513	1-249-433-11	CARBON	22K 5% 1/4W (N350K)
R1234	1-249-425-11	CARBON	4. 7K 5% 1/4W F (N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)	R1512	1-249-433-11	CARBON	22K 5% 1/4W
R1235	1-249-435-11	CARBON	33K 5% 1/4W (N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)	R1520	1-249-433-11	CARBON	22K 5% 1/4W
R1235	1-249-437-11	CARBON	47K 5% 1/4W (D560/N350:CND)	R1521	1-249-425-11	CARBON	4. 7K 5% 1/4W F
R1236	1-249-441-11	CARBON	100K 5% 1/4W	R1522	1-249-429-11	CARBON	10K 5% 1/4W (N350K:EA)
R1237	1-249-429-11	CARBON	10K 5% 1/4W	R1522	1-249-433-11	CARBON	22K 5% 1/4W
R1240	1-249-438-11	CARBON	56K 5% 1/4W	R1524	1-249-429-11	CARBON	10K 5% 1/4W
R1241	1-249-397-11	CARBON	22 5% 1/4W F	R1525	1-249-429-11	CARBON	10K 5% 1/4W
R1246	1-249-421-11	CARBON	2. 2K 5% 1/4W F	R1526	1-249-429-11	CARBON	10K 5% 1/4W
R1248	1-249-389-11	CARBON	4. 7 5% 1/4W F (N350:AEP, UK, G, IT)	R1527	1-249-429-11	CARBON	10K 5% 1/4W (N350K)
R1249	1-249-389-11	CARBON	4. 7 5% 1/4W F (N350:AEP, UK, G, IT)	R1528	1-249-429-11	CARBON	10K 5% 1/4W (N350K:E3, MY, SP)
R1270	1-249-389-11	CARBON	4. 7 5% 1/4W F (D560/N350:CND, AEP, UK, G, IT)	R1529	1-249-429-11	CARBON	10K 5% 1/4W (N350:AEP, UK, G, IT/N350K:EA)
R1271	1-249-389-11	CARBON	4. 7 5% 1/4W F (D560/N350:CND, AEP, UK, G, IT)	R1529	1-249-431-11	CARBON	15K 5% 1/4W (N350:AUS/N350K:E3, MY, SP)
R1272	1-249-409-11	CARBON	220 5% 1/4W F (N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)	R1529	1-249-433-11	CARBON	22K 5% 1/4W (N350:E, MX, AR, PX)
R1272	1-249-411-11	CARBON	330 5% 1/4W (D560/N350:CND)	R1530	1-249-423-11	CARBON	3. 3K 5% 1/4W F (N350K)
R1273	1-249-409-11	CARBON	220 5% 1/4W F (N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)	R1530	1-249-429-11	CARBON	10K 5% 1/4W (N350:E, AUS, MX, AR, PX, G, IT)
R1273	1-249-411-11	CARBON	330 5% 1/4W (D560/N350:CND)	R1530	1-249-433-11	CARBON	22K 5% 1/4W (N350:AEP, UK)
R1290	1-249-437-11	CARBON	47K 5% 1/4W	R1531	1-249-429-11	CARBON	10K 5% 1/4W
R1296	1-249-421-11	CARBON	2. 2K 5% 1/4W F	R1533	1-249-429-11	CARBON	10K 5% 1/4W
R1298	1-249-389-11	CARBON	4. 7 5% 1/4W F (N350:AEP, UK, G, IT)	R1541	1-249-429-11	CARBON	10K 5% 1/4W
R1299	1-249-389-11	CARBON	4. 7 5% 1/4W F (N350:AEP, UK, G, IT)	R1542	1-249-429-11	CARBON	10K 5% 1/4W
R1303	1-249-425-11	CARBON	4. 7K 5% 1/4W F	R1543	1-249-429-11	CARBON	10K 5% 1/4W
R1304	1-249-425-11	CARBON	4. 7K 5% 1/4W F	R1544	1-249-429-11	CARBON	10K 5% 1/4W
R1311	1-249-421-11	CARBON	2. 2K 5% 1/4W F	R1545	1-249-429-11	CARBON	10K 5% 1/4W
R1316	1-249-393-11	CARBON	10 5% 1/4W F	R1551	1-247-807-31	CARBON	100 5% 1/4W
R1321	1-249-421-11	CARBON	2. 2K 5% 1/4W F	R1552	1-247-807-31	CARBON	100 5% 1/4W
R1322	1-249-397-11	CARBON	22 5% 1/4W F	R1554	1-247-807-31	CARBON	100 5% 1/4W
R1323	1-249-397-11	CARBON	22 5% 1/4W F	R1555	1-247-807-31	CARBON	100 5% 1/4W
R1341	1-249-417-11	CARBON	1K 5% 1/4W F	R1556	1-247-807-31	CARBON	100 5% 1/4W
R1342	1-249-429-11	CARBON	10K 5% 1/4W	R1557	1-247-807-31	CARBON	100 5% 1/4W
R1361	1-249-421-11	CARBON	2. 2K 5% 1/4W F	R1561	1-247-807-31	CARBON	100 5% 1/4W (N350K)
R1362	1-249-421-11	CARBON	2. 2K 5% 1/4W F	R1562	1-247-807-31	CARBON	100 5% 1/4W (N350K)
R1501	1-249-433-11	CARBON	22K 5% 1/4W	R1563	1-247-807-31	CARBON	100 5% 1/4W (N350K)
				R1564	1-247-807-31	CARBON	100 5% 1/4W (N350K)
				R1571	1-249-429-11	CARBON	10K 5% 1/4W
				R1575	1-249-437-11	CARBON	47K 5% 1/4W
				R1754	1-247-807-31	CARBON	100 5% 1/4W
				R1755	1-249-429-11	CARBON	10K 5% 1/4W
				R1756	1-247-807-31	CARBON	100 5% 1/4W
				R1757	1-247-807-31	CARBON	100 5% 1/4W

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
R1758	1-247-807-31	CARBON	100 5% 1/4W			< VIBRATOR >	
R1759	1-249-417-11	CARBON	1K 5% 1/4W F	X1501	1-579-952-21	VIBRATOR, CERAMIC (8MHz)	
R1760	1-247-807-31	CARBON	100 5% 1/4W	X1502	1-567-098-41	VIBRATOR, CRYSTAL (32.768kHz)	
R1762	1-247-807-31	CARBON	100 5% 1/4W			< VIBRATOR >	
R1764	1-247-807-31	CARBON	100 5% 1/4W	XT51	1-578-785-11	VIBRATOR, CRYSTAL (4.5MHz)	
R1766	1-247-807-31	CARBON	100 5% 1/4W			(D560/N350:CND)	
R1767	1-247-807-31	CARBON	100 5% 1/4W	XT51	1-760-549-11	VIBRATOR, CRYSTAL (4.5MHz)	
R1768	1-247-807-31	CARBON	100 5% 1/4W			(N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)	
R1770	1-247-807-31	CARBON	100 5% 1/4W			*****	
R1801	1-249-437-11	CARBON	47K 5% 1/4W	*	A-2007-253-A	MD BOARD, COMPLETE	
R1802	1-249-437-11	CARBON	47K 5% 1/4W			*****	
R1803	1-249-421-11	CARBON	2.2K 5% 1/4W F			MOTOR BOARD	
R1804	1-247-895-00	CARBON	470K 5% 1/4W			*****	
R1805	1-249-413-11	CARBON	470 5% 1/4W F			< CAPACITOR >	
R1806	1-247-895-00	CARBON	470K 5% 1/4W	C301	1-162-289-31	CERAMIC	390PF 10% 50V
		< COMPOSITION CIRCUIT BLOCK >		C302	1-124-443-00	ELECT	100uF 20% 10V
RB1	1-236-777-11	ENCAPSULATED COMPONENT (N350K:EA)		C303	1-162-282-31	CERAMIC	100PF 10% 50V
RB1	1-239-260-11	ENCAPSULATED COMPONENT		C304	1-130-483-00	MYLAR	0.01uF 5% 50V
		(N350:E, AUS, MX, AR, PX, G, IT/N350K:E3, MY, SP)		C305	1-124-282-00	ELECT	22uF 20% 16V
RB1	1-239-634-11	ENCAPSULATED COMPONENT, AM. RF					
		(D560/N350:CND)		C311	1-162-289-31	CERAMIC	390PF 10% 50V
RB1	1-239-876-11	ENCAPSULATED COMPONENT (N350:AEP, UK)		C313	1-162-282-31	CERAMIC	100PF 10% 50V
RB2	1-236-463-11	ENCAPSULATED COMPONENT (N350:AEP, UK)		C314	1-130-487-00	MYLAR	0.022uF 5% 50V
		< VARIABLE RESISTOR >		C315	1-124-234-00	ELECT	22uF 20% 16V
RV1	1-238-601-11	RES, ADJ, CARBON 22K		C331	1-136-434-11	FILM	120PF 5% 630V
RV2	1-238-601-11	RES, ADJ, CARBON 22K					
RV701	1-238-600-11	RES, ADJ, CARBON 10K		C332	1-162-288-31	CERAMIC	330PF 10% 50V
RV801	1-238-600-11	RES, ADJ, CARBON 10K		C333	1-162-209-31	CERAMIC	27PF 5% 50V
		< RELAY >		C401	1-162-289-31	CERAMIC	390PF 10% 50V
RY1201	1-515-356-00	RELAY (D560/N350:CND)		C402	1-124-443-00	ELECT	100uF 20% 10V
RY1201	1-515-920-11	RELAY (24V)		C403	1-162-282-31	CERAMIC	100PF 10% 50V
		(N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)					
		< TRANSFORMER >		C404	1-130-483-00	MYLAR	0.01uF 5% 50V
T1	1-402-424-11	COIL (ANT, SW3) (N350K:EA)		C405	1-124-282-00	ELECT	22uF 20% 16V
T2	1-402-960-11	COIL (OSC SW3) (N350K:EA)		C411	1-162-289-31	CERAMIC	390PF 10% 50V
		< TERMINAL >		C413	1-162-282-31	CERAMIC	100PF 10% 50V
TM1	1-537-238-21	TERMINAL BOARD (ANTENNA)		C414	1-130-487-00	MYLAR	0.022uF 5% 50V
		(D560/N350:CND, E, AUS, MX, AR, PX/N350K)					
TM1	1-537-488-11	TERMINAL BOARD (ANT) (N350:AEP, UK, G, IT)		C415	1-124-234-00	ELECT	22uF 20% 16V
TM1201	1-537-240-31	TERMINAL BOARD (CHECKER PIN) (SPEAKERS)		C431	1-136-434-11	FILM	120PF 5% 630V
		(D560/N350:CND, E, AUS, MX, AR, PX/N350K)		C432	1-162-288-31	CERAMIC	330PF 10% 50V
TM1201	1-537-801-11	TERMINAL BOARD (SPEAKERS)		C433	1-162-209-31	CERAMIC	27PF 5% 50V
		(N350:AEP, UK, G, IT)		C601	1-126-157-11	ELECT	10uF 20% 16V
TM1202	1-537-240-31	TERMINAL BOARD (CHECKER PIN)					
		(SURROUND SPEAKERS)		C602	1-126-157-11	ELECT	10uF 20% 16V
		(N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)		C611	1-126-157-11	ELECT	10uF 20% 16V
				C612	1-126-157-11	ELECT	10uF 20% 16V
				C621	1-136-601-11	FILM	0.01uF 5% 630V
				C622	1-124-925-11	ELECT	2.2uF 20% 100V
				C623	1-136-155-00	FILM	0.015uF 5% 50V
				C624	1-130-481-00	MYLAR	0.0068uF 5% 50V

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
C625	1-130-481-00	MYLAR	0.0068uF 5% 50V	R609	1-249-433-11	CARBON	22K 5% 1/4W
C627	1-124-903-11	ELECT	1uF 20% 50V	R611	1-249-409-11	CARBON	220 5% 1/4W F
C628	1-136-153-00	FILM	0.01uF 5% 50V				
C642	1-124-477-11	ELECT	47uF 20% 25V	R612	1-249-409-11	CARBON	220 5% 1/4W F
C651	1-164-159-11	CERAMIC	0.1uF 50V	△R621	1-212-851-00	FUSIBLE	5.6 5% 1/4W F
< CONNECTOR >				△R622	1-212-851-00	FUSIBLE	5.6 5% 1/4W F
* CN601	1-568-864-11	SOCKET, CONNECTOR 21P		R623	1-249-432-11	CARBON	18K 5% 1/4W
* CN602	1-564-718-11	PIN, CONNECTOR (SMALL TYPE) 2P		R624	1-249-432-11	CARBON	18K 5% 1/4W
* CN651	1-564-521-11	PLUG, CONNECTOR 6P					
< IC >				R625	1-249-429-11	CARBON	10K 5% 1/4W
IC601	8-759-111-44	IC uPC4570C-1		R651	1-247-856-00	CARBON	11K 5% 1/4W
IC602	8-759-143-54	IC uPC1330HA		R652	1-247-856-00	CARBON	11K 5% 1/4W
IC611	8-759-111-44	IC uPC4570C-1		R653	1-249-441-11	CARBON	100K 5% 1/4W
< COIL >				< VARIABLE RESISTOR >			
L331	1-410-780-11	INDUCTOR	27mH	RV301	1-238-598-11	RES, ADJ, CARBON 2.2K	
L431	1-410-780-11	INDUCTOR	27mH	RV311	1-238-598-11	RES, ADJ, CARBON 2.2K	
< TRANSISTOR >				RV341	1-238-551-11	RES, ADJ, CARBON 220K	
Q621	8-729-142-46	TRANSISTOR	2SC2001-LK	RV401	1-238-598-11	RES, ADJ, CARBON 2.2K	
Q622	8-729-142-46	TRANSISTOR	2SC2001-LK	RV411	1-238-598-11	RES, ADJ, CARBON 2.2K	
Q623	8-729-801-93	TRANSISTOR	2SD1387				
Q651	8-729-900-65	TRANSISTOR	DTA144ES	RV441	1-238-551-11	RES, ADJ, CARBON 220K	
< RESISTOR >				RV651	1-238-599-11	RES, ADJ, CARBON 4.7K	
R301	1-247-881-00	CARBON	120K 5% 1/4W	RV652	1-238-599-11	RES, ADJ, CARBON 4.7K	
R302	1-249-409-11	CARBON	220 5% 1/4W F	< TRANSFORMER >			
R303	1-249-433-11	CARBON	22K 5% 1/4W	T621	1-423-980-11	TRANSFORMER, BIAS OSCILLATION	
R304	1-247-889-00	CARBON	270K 5% 1/4W	*****			
R305	1-247-858-11	CARBON	13K 5% 1/4W	* 1-654-620-11	MIC BOARD (N350K)		
R311	1-247-881-00	CARBON	120K 5% 1/4W	*****			
R312	1-247-807-31	CARBON	100 5% 1/4W	< CAPACITOR >			
R314	1-247-882-11	CARBON	130K 5% 1/4W	C1637	1-124-925-11	ELECT	2.2uF 20% 100V
R315	1-247-850-11	CARBON	6.2K 5% 1/4W	C1638	1-162-294-31	CERAMIC	0.001uF 10% 50V
R331	1-249-430-11	CARBON	12K 5% 1/4W	C1639	1-162-215-31	CERAMIC	47PF 5% 50V
R401	1-247-881-00	CARBON	120K 5% 1/4W	C1640	1-162-294-31	CERAMIC	0.001uF 10% 50V
R402	1-249-409-11	CARBON	220 5% 1/4W F	C1646	1-124-126-00	ELECT	47uF 20% 10V
R403	1-249-433-11	CARBON	22K 5% 1/4W	C1647	1-124-126-00	ELECT	47uF 20% 10V
R404	1-247-889-00	CARBON	270K 5% 1/4W	C1650	1-124-925-11	ELECT	2.2uF 20% 100V
R405	1-247-858-11	CARBON	13K 5% 1/4W	C1651	1-162-294-31	CERAMIC	0.001uF 10% 50V
R411	1-247-881-00	CARBON	120K 5% 1/4W	C1652	1-162-215-31	CERAMIC	47PF 5% 50V
R412	1-247-807-31	CARBON	100 5% 1/4W	C1653	1-162-294-31	CERAMIC	0.001uF 10% 50V
R414	1-247-882-11	CARBON	130K 5% 1/4W	< IC >			
R415	1-247-850-11	CARBON	6.2K 5% 1/4W	IC1603	8-759-634-51	IC M5218AP	
R431	1-249-430-11	CARBON	12K 5% 1/4W	< JACK >			
R601	1-249-409-11	CARBON	220 5% 1/4W F	J1601	1-569-113-11	JACK, LARGE TYPE (MIC 1)	
R602	1-249-409-11	CARBON	220 5% 1/4W F	J1602	1-573-151-11	JACK, LARGE TYPE (MIC 2)	
R608	1-249-409-11	CARBON	220 5% 1/4W F				

The components identified by mark △ or dotted line with mark △ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque △ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

Ref. No.	Part No.	Description				Remark	Ref. No.	Part No.	Description				Remark
< RESISTOR >							C511	1-124-257-00	ELECT	2. 2uF	20%	50V	
R1638	1-249-429-11	CARBON	10K	5%	1/4W		C512	1-162-286-31	CERAMIC	220PF	10%	50V	
R1639	1-249-417-11	CARBON	1K	5%	1/4W	F	C513	1-162-286-31	CERAMIC	220PF	10%	50V	
R1640	1-249-441-11	CARBON	100K	5%	1/4W		C515	1-124-257-00	ELECT	2. 2uF	20%	50V	
R1641	1-249-417-11	CARBON	1K	5%	1/4W	F	C601	1-124-589-11	ELECT	47uF	20%	16V	
R1642	1-249-433-11	CARBON	22K	5%	1/4W		C602	1-162-282-31	CERAMIC	100PF	10%	50V	
R1650	1-249-429-11	CARBON	10K	5%	1/4W		C604	1-162-306-11	CERAMIC	0. 01uF	20%	16V	
R1651	1-249-417-11	CARBON	1K	5%	1/4W	F	C605	1-162-306-11	CERAMIC	0. 01uF	20%	16V	
R1652	1-249-441-11	CARBON	100K	5%	1/4W		C606	1-126-177-11	ELECT	100uF	20%	10V	
R1653	1-249-417-11	CARBON	1K	5%	1/4W	F	C607	1-162-306-11	CERAMIC	0. 01uF	20%	16V	
R1654	1-249-433-11	CARBON	22K	5%	1/4W		C609	1-126-157-11	ELECT	10uF	20%	16V	
R1655	1-249-429-11	CARBON	10K	5%	1/4W		C675	1-124-261-00	ELECT	10uF	20%	50V	
R1657	1-249-429-11	CARBON	10K	5%	1/4W		< CONNECTOR >						
*****						* CN601	1-568-834-11	SOCKET, CONNECTOR 15P					
1-638-731-11 OPEN/UP SW BOARD						< DIODE >							
*****						D503	8-719-987-63	DIODE	1N4148M				
< CONNECTOR >						D507	8-719-987-63	DIODE	1N4148M				
* CN705	1-566-214-11	PIN, CONNECTOR (PC BOARD) 2P				D511	8-719-987-63	DIODE	1N4148M				
< SWITCH >						D515	8-719-987-63	DIODE	1N4148M				
S702	1-571-300-21	SWITCH, ROTARY (OPEN/UP)				D530	8-719-987-63	DIODE	1N4148M				
*****						D531	8-719-987-63	DIODE	1N4148M				
* A-4377-067-A	PANEL BOARD, COMPLETE (N350:AEP, UK, G, IT)					D532	8-719-987-63	DIODE	1N4148M				
*****						D533	8-719-987-63	DIODE	1N4148M				
* A-4377-094-A	PANEL BOARD, COMPLETE (D560/N350:CND)					D600	8-719-987-63	DIODE	1N4148M				
*****						D617	8-719-046-46	DIODE	SEL5221S-TH8F	(P. FILE)			
* A-4377-106-A	PANEL BOARD, COMPLETE (N350:E, AUS, MX, AR)					D618	8-719-046-46	DIODE	SEL5221S-TH8F	(DANCE/5)			
*****						D619	8-719-046-46	DIODE	SEL5221S-TH8F	(CLASSIC/4)			
* A-4377-132-A	PANEL BOARD, COMPLETE (N350K)					D620	8-719-046-46	DIODE	SEL5221S-TH8F	(JAZZ/3)			
*****						D621	8-719-046-46	DIODE	SEL5221S-TH8F	(POPS/2)			
* 4-949-935-21	CUSHION (FL)					D622	8-719-046-46	DIODE	SEL5221S-TH8F	(ROCK/1)			
* 4-969-681-11	HOLDER, FL TUBE					D623	8-719-046-35	DIODE	SEL5921A-TH8F	(□□)			
< CAPACITOR >						D624	8-719-046-42	DIODE	SEL5421E-TH8F	(▷)			
C500	1-162-306-11	CERAMIC	0. 01uF	20%	16V	D625	8-719-046-42	DIODE	SEL5421E-TH8F	(<)			
C501	1-162-306-11	CERAMIC	0. 01uF	20%	16V	D626	8-719-046-43	DIODE	SEL5421E-TP15	(TUNER/BAND)			
C502	1-126-157-11	ELECT	10uF	20%	16V	(D560/N350:CND, AEP, UK, G, IT)							
C503	1-124-257-00	ELECT	2. 2uF	20%	50V	D626	8-719-052-22	DIODE	SEL58420C-TP	(TUNER/BAND)			
C504	1-162-303-11	CERAMIC	0. 0033uF	20%	16V	(N350:E, AUS, MX, AR, PX/N350K)							
C505	1-162-303-11	CERAMIC	0. 0033uF	20%	16V	D627	8-719-046-43	DIODE	SEL5421E-TP15	(TUNER/BAND)			
C506	1-126-157-11	ELECT	10uF	20%	16V	(D560/N350:CND, AEP, UK, G, IT)							
C507	1-124-257-00	ELECT	2. 2uF	20%	50V	D627	8-719-052-22	DIODE	SEL58420C-TP	(TUNER/BAND)			
C508	1-162-294-31	CERAMIC	0. 001uF	10%	50V	(N350:E, AUS, MX, AR, PX/N350K)							
C509	1-162-294-31	CERAMIC	0. 001uF	10%	50V	D628	8-719-046-46	DIODE	SEL5221S-TH8F	(KEY CONTROL)			
						(N350K)							
						D629	8-719-010-12	DIODE	UZ-2. 7BS				
						D630	8-719-010-12	DIODE	UZ-2. 7BS				
						D634	8-719-024-99	DIODE	11ES2-NTA2B				
						D651	8-719-987-63	DIODE	1N4148M				
						D652	8-719-046-46	DIODE	SEL5221S-TH8F	(● REC)			

PANEL

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
< FLUORESCENT INDICATOR >				R613	1-249-410-11	CARBON	270 5% 1/4W F
FL601	1-517-341-11	INDICATOR TUBE, FLUORESCENT		R614	1-249-408-11	CARBON	180 5% 1/4W F
< IC >				R615	1-249-409-11	CARBON	220 5% 1/4W F
IC501	8-759-634-51	IC M5218AP		R616	1-249-411-11	CARBON	330 5% 1/4W F
IC502	8-759-634-51	IC M5218AP		R617	1-249-413-11	CARBON	470 5% 1/4W F
IC602	8-749-922-36	IC GP1U50XB		R618	1-249-414-11	CARBON	560 5% 1/4W F
IC608	8-752-862-43	IC CXP82612-006Q		R619	1-249-416-11	CARBON	820 5% 1/4W F
< COIL >				R620	1-249-418-11	CARBON	1.2K 5% 1/4W F
L601	1-410-509-11	INDUCTOR 10uH		R621	1-249-420-11	CARBON	1.8K 5% 1/4W F
< TRANSISTOR >				R622	1-249-423-11	CARBON	3.3K 5% 1/4W F
Q601	8-729-422-57	TRANSISTOR UN4111		R623	1-249-427-11	CARBON	6.8K 5% 1/4W F
Q602	8-729-422-57	TRANSISTOR UN4111		R624	1-249-419-11	CARBON	1.5K 5% 1/4W F
Q608	8-729-900-63	TRANSISTOR DTA124ES		R625	1-247-811-31	CARBON	150 5% 1/4W
Q609	8-729-119-78	TRANSISTOR 2SC2785-HFE		R626	1-249-410-11	CARBON	270 5% 1/4W F
		(N350:E, AUS, MX, AR, PX/N350K)		R627	1-249-408-11	CARBON	180 5% 1/4W F
Q610	8-729-900-63	TRANSISTOR DTA124ES (N350K)		R628	1-249-409-11	CARBON	220 5% 1/4W F
				R629	1-249-411-11	CARBON	330 5% 1/4W
Q611	8-729-422-57	TRANSISTOR UN4111		R630	1-249-413-11	CARBON	470 5% 1/4W F
		(N350:E, AUS, MX, AR, PX/N350K)		R631	1-249-414-11	CARBON	560 5% 1/4W F
Q612	8-729-900-80	TRANSISTOR DTC114ES		R632	1-249-416-11	CARBON	820 5% 1/4W F
		(N350:E, AUS, MX, AR, PX/N350K)		R633	1-249-418-11	CARBON	1.2K 5% 1/4W F
Q616	8-729-119-76	TRANSISTOR 2SA1175-HFE		R634	1-249-420-11	CARBON	1.8K 5% 1/4W F
< RESISTOR >				R635	1-249-423-11	CARBON	3.3K 5% 1/4W F
R500	1-249-435-11	CARBON 33K 5% 1/4W		R636	1-249-427-11	CARBON	6.8K 5% 1/4W F
R501	1-249-441-11	CARBON 100K 5% 1/4W		R637	1-249-419-11	CARBON	1.5K 5% 1/4W F
R502	1-247-895-00	CARBON 470K 5% 1/4W		R650	1-249-419-11	CARBON	1.5K 5% 1/4W F
R504	1-249-435-11	CARBON 33K 5% 1/4W		R651	1-247-811-31	CARBON	150 5% 1/4W
R505	1-249-441-11	CARBON 100K 5% 1/4W		R652	1-249-410-11	CARBON	270 5% 1/4W F
R506	1-247-895-00	CARBON 470K 5% 1/4W		R653	1-249-408-11	CARBON	180 5% 1/4W F
R508	1-249-435-11	CARBON 33K 5% 1/4W		R654	1-249-409-11	CARBON	220 5% 1/4W F
R509	1-249-441-11	CARBON 100K 5% 1/4W		R655	1-249-411-11	CARBON	330 5% 1/4W
R510	1-247-895-00	CARBON 470K 5% 1/4W		R656	1-249-413-11	CARBON	470 5% 1/4W F
R512	1-249-435-11	CARBON 33K 5% 1/4W		R657	1-249-414-11	CARBON	560 5% 1/4W F
R513	1-249-441-11	CARBON 100K 5% 1/4W		R658	1-249-416-11	CARBON	820 5% 1/4W F
R514	1-247-895-00	CARBON 470K 5% 1/4W		R659	1-249-418-11	CARBON	1.2K 5% 1/4W F
R516	1-249-437-11	CARBON 47K 5% 1/4W		R660	1-249-420-11	CARBON	1.8K 5% 1/4W F
R517	1-249-437-11	CARBON 47K 5% 1/4W					(N350K)
R518	1-249-437-11	CARBON 47K 5% 1/4W		R661	1-249-423-11	CARBON	3.3K 5% 1/4W F
							(N350K)
R519	1-249-437-11	CARBON 47K 5% 1/4W		R662	1-249-427-11	CARBON	6.8K 5% 1/4W F
R553	1-249-408-11	CARBON 180 5% 1/4W F					(N350K)
R554	1-249-421-11	CARBON 2.2K 5% 1/4W F		R663	1-247-903-00	CARBON	1M 5% 1/4W
R556	1-249-437-11	CARBON 47K 5% 1/4W		R664	1-247-807-31	CARBON	100 5% 1/4W
		(N350:E, AUS, MX, AR, PX/N350K)		R665	1-247-807-31	CARBON	100 5% 1/4W
R609	1-249-429-11	CARBON 10K 5% 1/4W		R666	1-249-413-11	CARBON	470 5% 1/4W F
R610	1-249-429-11	CARBON 10K 5% 1/4W		R667	1-247-807-31	CARBON	100 5% 1/4W
R611	1-249-419-11	CARBON 1.5K 5% 1/4W F		R668	1-247-807-31	CARBON	100 5% 1/4W
R612	1-247-811-31	CARBON 150 5% 1/4W		R669	1-247-807-31	CARBON	100 5% 1/4W
				R682	1-249-408-11	CARBON	180 5% 1/4W F
				R683	1-249-412-11	CARBON	390 5% 1/4W F

Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
R684	1-249-410-11	CARBON	270 5% 1/4W F	S620	1-554-303-21	SWITCH, TACTILE (TUNING +)	
R685	1-249-410-11	CARBON	270 5% 1/4W F	S621	1-554-303-21	SWITCH, TACTILE (TUNING MODE)	
R686	1-249-410-11	CARBON	270 5% 1/4W F	S622	1-554-303-21	SWITCH, TACTILE (TUNING MEMORY)	
R687	1-249-429-11	CARBON	10K 5% 1/4W (N350:E, AUS, MX, AR, PX/N350K)	S623	1-554-303-21	SWITCH, TACTILE (DISPLAY)	
R688	1-249-410-11	CARBON	270 5% 1/4W F	S624	1-554-303-21	SWITCH, TACTILE (ENTER/NEXT)	
R689	1-249-410-11	CARBON	270 5% 1/4W F (N350:E, AUS, MX, AR, PX/N350K)	S625	1-554-303-21	SWITCH, TACTILE (CLOCK SET)	
R690	1-249-410-11	CARBON	270 5% 1/4W F	S626	1-554-303-21	SWITCH, TACTILE (REC)	
R691	1-249-410-11	CARBON	270 5% 1/4W F (N350:E, AUS, MX, AR, PX/N350K)	S627	1-554-303-21	SWITCH, TACTILE (DAILY)	
R692	1-249-413-11	CARBON	470 5% 1/4W F (N350K)	S628	1-554-303-21	SWITCH, TACTILE (TIMERSET)	
R693	1-249-429-11	CARBON	10K 5% 1/4W	S642	1-554-303-21	SWITCH, TACTILE (SYSTEM POWER)	
R695	1-249-421-11	CARBON	2.2K 5% 1/4W F	S643	1-554-303-21	SWITCH, TACTILE (SLEEP)	
R696	1-247-807-31	CARBON	100 5% 1/4W	S644	1-554-303-21	SWITCH, TACTILE (ROCK/1)	
R697	1-247-807-31	CARBON	100 5% 1/4W	S645	1-554-303-21	SWITCH, TACTILE (POPS/2)	
R703	1-249-429-11	CARBON	10K 5% 1/4W	S646	1-554-303-21	SWITCH, TACTILE (JAZZ/3)	
R704	1-249-429-11	CARBON	10K 5% 1/4W	S647	1-554-303-21	SWITCH, TACTILE (CLASSIC/4)	
R710	1-249-429-11	CARBON	10K 5% 1/4W	S648	1-554-303-21	SWITCH, TACTILE (DANCE/5)	
R711	1-249-429-11	CARBON	10K 5% 1/4W	S649	1-554-303-21	SWITCH, TACTILE (EQ MEMORY)	
R712	1-249-429-11	CARBON	10K 5% 1/4W (D560/N350:CND, AEP, UK, G, IT)	S650	1-554-303-21	SWITCH, TACTILE (P. FILE)	
R713	1-249-429-11	CARBON	10K 5% 1/4W (D560/N350:CND, AEP, UK, G, IT)	S651	1-554-303-21	SWITCH, TACTILE (● REC)	
R773	1-249-429-11	CARBON	10K 5% 1/4W	S652	1-554-303-21	SWITCH, TACTILE (# UP) (N350K)	
R774	1-249-429-11	CARBON	10K 5% 1/4W	S653	1-554-303-21	SWITCH, TACTILE (b DOWN) (N350K)	
R778	1-249-429-11	CARBON	10K 5% 1/4W	S654	1-554-303-21	SWITCH, TACTILE (KARAOKE PON/MPX) (N350K)	
R779	1-249-429-11	CARBON	10K 5% 1/4W	< VIBRATOR >			
< VARIABLE RESISTOR >				X601	1-567-819-11	VIBRATOR, CERAMIC (4MHZ)	
RV601	1-467-869-11	ENCODER, ROTARY (VOLUME)		*****			
< SWITCH >				*	1-654-654-11	POWER BOARD (N350:AEP, UK, G, IT)	
S603	1-554-303-21	SWITCH, TACTILE (▲)		*****			
S604	1-554-303-21	SWITCH, TACTILE (▼)		*	1-654-651-11	POWER BOARD	
S605	1-554-303-21	SWITCH, TACTILE (DBFB)		*****			
S606	1-554-303-21	SWITCH, TACTILE (SURROUND)		(D560/N350:CND, E, AUS, MX, AR, PX/N350K)			
S607	1-554-303-21	SWITCH, TACTILE (FUNCTION)		1-533-217-31	HOLDER, FUSE		
S608	1-554-303-21	SWITCH, TACTILE (□)		< FUSE >			
S609	1-554-303-21	SWITCH, TACTILE (■)		△F1901	1-532-299-00	FUSE (T5A 250V)	
S610	1-554-303-21	SWITCH, TACTILE (▶▶)		(N350:E, AUS, MX, AR, PX/N350K)			
S611	1-554-303-21	SWITCH, TACTILE (◀◀)		△F1901	1-532-350-00	FUSE (T4A 250V) (N350:AEP, UK, G, IT)	
S612	1-554-303-21	SWITCH, TACTILE (<◁)		△F1902	1-532-299-00	FUSE (T5A 250V)	
S613	1-554-303-21	SWITCH, TACTILE (▷)		(N350:E, AUS, MX, AR, PX/N350K)			
S614	1-554-303-21	SWITCH, TACTILE (HIGH SPEED DUBBING)		△F1902	1-532-350-00	FUSE (T4A 250V) (N350:AEP, UK, G, IT)	
S615	1-554-303-21	SWITCH, TACTILE (CD SYNCRO)		< RESISTOR >			
S616	1-554-303-21	SWITCH, TACTILE (◀)		△R1901	1-217-637-00	FUSIBLE 1 5% 1/4W F	
S617	1-554-303-21	SWITCH, TACTILE (▶)		(N350:AEP, UK, G, IT)			
S618	1-554-303-21	SWITCH, TACTILE (TUNER/BAND)		△R1901	1-219-122-91	FUSIBLE 0.33 5% 1/4W F	
S619	1-554-303-21	SWITCH, TACTILE (TUNING -)		(N350:E, AUS, MX, AR, PX/N350K)			
				△R1901	1-219-139-11	FUSIBLE 0.68 5% 1/4W F	
				(D560/N350:CND)			

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POWER

POWER AMP

Ref.No.	Part No.	Description	Remark
△ R1902	1-219-119-81	FUSIBLE 0.1 5% 1/4W (D560/N350:CND, E, AUS, MX, AR, PX/N350K)	
△ R1902	1-219-136-11	FUSIBLE 0.22 5% 1/4W F (N350:AEP, UK, G, IT)	
△ R1903	1-219-119-81	FUSIBLE 0.1 5% 1/4W F (D560/N350:CND, E, AUS, MX, AR, PX/N350K)	
△ R1903	1-219-136-11	FUSIBLE 0.22 5% 1/4W F (N350:AEP, UK, G, IT)	

*	A-4377-077-A	POWER AMP BOARD, COMPLETE ***** (N350:AEP, UK, G, IT)	
*	A-4377-077-A	POWER AMP BOARD, COMPLETE ***** (D560/N350:CND)	
*	A-4377-077-A	POWER AMP BOARD, COMPLETE ***** (N350:E, AUS, MX, AR, PX/N350K)	
< CAPACITOR >			
C1201	1-124-927-11	ELECT 4.7uF 20% 100V	
C1202	1-162-284-31	CERAMIC 150PF 10% 50V	
C1203	1-162-286-31	CERAMIC 220PF 10% 50V	
C1204	1-124-126-00	ELECT 47uF 20% 10V	
C1205	1-124-910-11	ELECT 47uF 20% 50V	
C1206	1-124-122-11	ELECT 100uF 20% 50V (N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)	
C1206	1-124-929-11	ELECT 22uF 20% 100V (D560/N350:CND)	
C1208	1-124-916-11	ELECT 22uF 20% 50V	
C1210	1-137-375-11	FILM 0.068uF 5% 50V	
C1211	1-137-375-11	FILM 0.068uF 5% 50V	
C1220	1-126-925-11	ELECT 470uF 20% 10V	
C1245	1-164-159-11	CERAMIC 0.1uF 50V (D560/N350:CND)	
C1251	1-124-927-11	ELECT 4.7uF 20% 50V	
C1252	1-162-284-31	CERAMIC 150PF 10% 50V	
C1253	1-162-286-31	CERAMIC 220PF 10% 50V	
C1254	1-124-126-00	ELECT 47uF 20% 10V	
C1255	1-124-910-11	ELECT 47uF 20% 50V	
C1256	1-124-122-11	ELECT 100uF 20% 50V (N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)	
C1256	1-124-929-11	ELECT 22uF 20% 100V (D560/N350:CND)	
C1260	1-137-375-11	FILM 0.068uF 5% 50V	
C1261	1-137-375-11	FILM 0.068uF 5% 50V	
C1295	1-164-159-11	CERAMIC 0.1uF 50V (D560/N350:CND)	

Ref.No.	Part No.	Description	Remark
< CONNECTOR >			
* CN1203	1-564-518-11	PLUG, CONNECTOR 3P	
CN1204	1-564-511-11	PLUG, CONNECTOR 8P	
< DIODE >			
D1201	8-719-815-85	DIODE 1S1585 (D560/N350:CND)	
D1201	8-719-987-63	DIODE 1N4148M (N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)	
D1202	8-719-987-63	DIODE 1N4148M	
D1251	8-719-815-85	DIODE 1S1585 (D560/N350:CND)	
D1251	8-719-987-63	DIODE 1N4148M (N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)	
< IC >			
IC1201	8-749-900-34	IC STK-4182MK2 (N350:E, AUS, MX, AR, PX/N350K)	
IC1201	8-749-900-96	IC STK-4142MK2 (N350:AEP, UK, G, IT)	
IC1201	8-749-921-68	IC STK-4231MK2 (D560/N350:CND)	
< TRANSISTOR >			
Q1201	8-729-140-84	TRANSISTOR 2SC1841-PAFAEA	
Q1251	8-729-140-84	TRANSISTOR 2SC1841-PAFAEA	
< RESISTOR >			
R1201	1-249-417-11	CARBON 1K 5% 1/4W F	
R1202	1-249-438-11	CARBON 56K 5% 1/4W	
R1203	1-249-414-11	CARBON 560 5% 1/4W F	
R1204	1-249-438-11	CARBON 56K 5% 1/4W	
R1205	1-249-425-11	CARBON 4.7K 5% 1/4W F (N350:AEP, UK, G, IT)	
R1205	1-249-427-11	CARBON 6.8K 5% 1/4W F (N350:E, AUS, MX, AR, PX/N350K)	
R1205	1-249-429-11	CARBON 10K 5% 1/4W (D560/N350:CND)	
R1206	1-249-425-11	CARBON 4.7K 5% 1/4W F (N350:AEP, UK, G, IT)	
R1206	1-249-427-11	CARBON 6.8K 5% 1/4W F (N350:E, AUS, MX, AR, PX/N350K)	
R1206	1-249-429-11	CARBON 10K 5% 1/4W (D560/N350:CND)	
R1207	1-249-425-11	CARBON 4.7K 5% 1/4W F (N350:AEP, UK, G, IT)	
R1207	1-249-427-11	CARBON 6.8K 5% 1/4W F (N350:E, AUS, MX, AR, PX/N350K)	
R1207	1-249-429-11	CARBON 10K 5% 1/4W (D560/N350:CND)	
R1208	1-249-425-11	CARBON 4.7K 5% 1/4W F (N350:AEP, UK, G, IT)	
R1208	1-249-427-11	CARBON 6.8K 5% 1/4W F (N350:E, AUS, MX, AR, PX/N350K)	
R1208	1-249-429-11	CARBON 10K 5% 1/4W (D560/N350:CND)	

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Les composants identifiés par une
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sécurité.
Ne les remplacer que par une pièce
portant le numéro spécifié.

POWER AMP

POWER PRIMARY

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
△R1209	1-212-881-11	FUSIBLE	100 5% 1/4W F	R1257	1-249-425-11	CARBON	4.7K 5% 1/4W F
△R1210	1-208-601-11	WIREWOUND	0.1 10% 2W F				(N350:AEP, UK, G, IT)
			(D560/N350:CND)	R1257	1-249-427-11	CARBON	6.8K 5% 1/4W F
△R1210	1-208-602-11	WIREWOUND	0.22 10% 2W F				(N350:E, AUS, MX, AR, PX/N350K)
			(N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)	R1257	1-249-429-11	CARBON	10K 5% 1/4W
R1211	1-249-417-11	CARBON	1K 5% 1/4W F				(D560/N350:CND)
R1212	1-249-433-11	CARBON	22K 5% 1/4W	R1258	1-249-425-11	CARBON	4.7K 5% 1/4W F
			(D560/N350:CND)				(N350:AEP, UK, G, IT)
R1212	1-249-431-11	CARBON	15K 5% 1/4W	R1258	1-249-427-11	CARBON	6.8K 5% 1/4W F
			(N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)				(N350:E, AUS, MX, AR, PX/N350K)
R1213	1-249-441-11	CARBON	100K 5% 1/4W	R1258	1-249-429-11	CARBON	10K 5% 1/4W
R1214	1-249-421-11	CARBON	2.2K 5% 1/4W F				(D560/N350:CND)
			(N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)	△R1259	1-212-881-11	FUSIBLE	100 5% 1/4W F
R1214	1-249-424-11	CARBON	3.9K 5% 1/4W F	△R1260	1-208-601-11	WIREWOUND	0.1 10% 2W F
			(D560/N350:CND)				(D560/N350:CND)
R1215	1-249-421-11	CARBON	2.2K 5% 1/4W F	△R1260	1-208-602-11	WIREWOUND	0.22 10% 2W F
			(N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)				(N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)
R1215	1-249-424-11	CARBON	3.9K 5% 1/4W F	R1261	1-249-417-11	CARBON	1K 5% 1/4W F
			(D560/N350:CND)	R1262	1-249-431-11	CARBON	15K 5% 1/4W
R1216	1-249-421-11	CARBON	2.2K 5% 1/4W F				(N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)
			(N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)	R1262	1-249-433-11	CARBON	22K 5% 1/4W
R1216	1-249-424-11	CARBON	3.9K 5% 1/4W F				(D560/N350:CND)
			(D560/N350:CND)	R1263	1-249-441-11	CARBON	100K 5% 1/4W
R1217	1-249-421-11	CARBON	2.2K 5% 1/4W F	R1268	1-249-397-11	CARBON	22 5% 1/4W F
			(N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)	R1269	1-249-397-11	CARBON	22 5% 1/4W F
R1217	1-249-424-11	CARBON	3.9K 5% 1/4W F				
			(D560/N350:CND)	*****			
R1218	1-249-397-11	CARBON	22 5% 1/4W F	*	1-654-694-11	POWER PRIMARY BOARD	(N350:AEP, UK, G, IT)
R1219	1-249-397-11	CARBON	22 5% 1/4W F				*****
R1228	1-247-881-00	CARBON	120K 5% 1/4W	*	1-654-695-11	POWER PRIMARY BOARD	
			(N350:AEP, UK, G, IT)				*****
R1228	1-247-883-00	CARBON	150K 5% 1/4W				(D560/N350:CND, E, AUS, MX, AR, PX/N350K)
			(N350:E, AUS, MX, AR, PX/N350K)		1-533-217-31	HOLDER, FUSE	
R1228	1-247-885-00	CARBON	180K 5% 1/4W	*	1-560-595-00	TERMINAL (WITH BASE)	
			(D560/N350:CND)				(N350:E, AR, PX/N350K:E3, EA, SP)
R1230	1-249-429-11	CARBON	10K 5% 1/4W				
R1242	1-249-429-11	CARBON	10K 5% 1/4W				
R1243	1-249-383-11	CARBON	1.5 5% 1/6W F				
R1251	1-249-417-11	CARBON	1K 5% 1/4W F				< CONNECTOR >
R1252	1-249-438-11	CARBON	56K 5% 1/4W	*	CN1951	1-580-230-31	PIN, CONNECTOR (PC BOARD) 2P
R1253	1-249-414-11	CARBON	560 5% 1/4W F				
R1254	1-249-438-11	CARBON	56K 5% 1/4W				< FUSE >
R1255	1-249-425-11	CARBON	4.7K 5% 1/4W F				
			(N350:AEP, UK, G, IT)	△F1903	1-576-107-11	FUSE (3.15A 125V)	(D560/N350:CND)
R1255	1-249-427-11	CARBON	6.8K 5% 1/4W F				< RESISTOR >
			(N350:E, AUS, MX, AR, PX/N350K)	R1900	1-202-725-00	SOLID	3.3M 10% 1/2W
R1255	1-249-429-11	CARBON	10K 5% 1/4W				(D560/N350:CND)
			(D560/N350:CND)	*****			
R1256	1-249-425-11	CARBON	4.7K 5% 1/4W F				
			(N350:AEP, UK, G, IT)				
R1256	1-249-427-11	CARBON	6.8K 5% 1/4W F				
			(N350:E, AUS, MX, AR, PX/N350K)				
R1256	1-249-429-11	CARBON	10K 5% 1/4W				
			(D560/N350:CND)				

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Ne les remplacer que par une pièce portant le numéro spécifié.

REGULATOR

TABLE MOTOR

TC PANEL

Ref.No.	Part No.	Description	Remark
*	1-654-653-11	REGULATOR BOARD ***** (D560/N350:CND, E, AUS, MX, AR, PX/N350K)	
*	1-654-656-11	REGULATOR BOARD (N350:AEP, UK, G, IT) ***** < CAPACITOR >	
C1351	1-124-443-00	ELECT 100uF 20% 10V	
C1352	1-124-907-11	ELECT 10uF 20% 50V	
C1356	1-124-907-11	ELECT 10uF 20% 50V	
C1357	1-124-443-00	ELECT 100uF 20% 10V	
		< IC >	
IC1351	8-759-334-30	IC LA5618	

	1-638-729-11	TABLE MOTOR BOARD ***** < CAPACITOR >	
C704	1-162-302-11	CERAMIC 0.0022uF 30% 16V	
		< CONNECTOR >	
* CN707	1-573-044-11	SOCKET, CONNECTOR 5P	
		< DIODE >	
D701	8-719-970-19	DIODE GP-1A521	
		< MOTOR >	
M701	A-4353-976-A	MOTOR ASSY (TABLE)	
		< RESISTOR >	
R701	1-249-416-11	CARBON 820 5% 1/4W F	

*	1-654-659-11	TC PANEL BOARD ***** < CONNECTOR >	
* CN611	1-568-948-11	PIN, CONNECTOR 10P	
* CN612	1-568-944-11	PIN, CONNECTOR 6P	
		< DIODE >	
D611	8-719-046-46	DIODE SEL5221S-TH8F (DECK B)	
D612	8-719-046-46	DIODE SEL5221S-TH8F (DECK A)	
D613	8-719-046-43	DIODE SEL5421E-TP15 (TAPE) (D560/N350:CND, AEP, UK, G, IT)	

Ref.No.	Part No.	Description	Remark
D613	8-719-052-22	DIODE SEL58420C-TP (TAPE) (N350:E, AUS, MX, AR, PX/N350K)	
D614	8-719-046-43	DIODE SEL5421E-TP15 (TAPE) (D560/N350:CND, AEP, UK, G, IT)	
D614	8-719-052-22	DIODE SEL58420C-TP (TAPE) (N350:E, AUS, MX, AR, PX/N350K)	
		< TRANSISTOR >	
Q603	8-729-900-63	TRANSISTOR DTA124ES	
Q604	8-729-119-78	TRANSISTOR 2SC2785-HFE (N350:E, AUS, MX, AR, PX/N350K)	
Q615	8-729-119-76	TRANSISTOR 2SA1175-HFE	
		< RESISTOR >	
R638	1-247-811-31	CARBON 150 5% 1/4W	
R639	1-249-410-11	CARBON 270 5% 1/4W F	
R640	1-249-408-11	CARBON 180 5% 1/4W F	
R641	1-249-409-11	CARBON 220 5% 1/4W F	
R670	1-249-409-11	CARBON 220 5% 1/4W F	
R671	1-249-409-11	CARBON 220 5% 1/4W F	
R672	1-249-429-11	CARBON 10K 5% 1/4W (N350:E, AUS, MX, AR, PX/N350K)	
R673	1-249-410-11	CARBON 270 5% 1/4W F	
R674	1-249-410-11	CARBON 270 5% 1/4W F (N350:E, AUS, MX, AR, PX/N350K)	
R675	1-249-410-11	CARBON 270 5% 1/4W F	
R676	1-249-410-11	CARBON 270 5% 1/4W F (N350:E, AUS, MX, AR, PX/N350K)	
		< SWITCH >	
S629	1-554-303-21	SWITCH, TACTILE (TAPE)	
S630	1-554-303-21	SWITCH, TACTILE (DECK SELECT)	
S631	1-554-303-21	SWITCH, TACTILE (TAPE REWIND ◀▶)	
S632	1-554-303-21	SWITCH, TACTILE (DOLBY NR) (D560/N350:CND, AEP, UK, G, IT)	
S633	1-554-303-21	SWITCH, TACTILE (DIRECTION MODE)	

		MISCELLANEOUS *****	
8	1-690-113-11	WIRE, FLAT TYPE (15 CORE) (N350K)	
9	1-590-459-11	WIRE, FLAT TYPE (11 CORE)	
10	1-769-665-11	WIRE (FLAT TYPE) (21 CORE)	
83	1-590-458-31	WIRE, FLAT TYPE (15 CORE)	
104	1-533-217-31	HOLDER, FUSE	
△111	1-569-007-11	ADAPTER, CONVERSION 2P (N350:E3, PX/N350K:E)	
△112	1-569-008-11	ADAPTER, CONVERSION 2P (N350K:EA, MY, SP)	
△CNP19011	558-943-41	CORD, POWER (N350:E, MX, PX/N350K:E)	
△CNP19011	575-042-21	CORD, POWER (D560/N350:CND)	

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Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
△CNP19011-575-651-21		CORD, POWER (N350:AEP, AR, G, IT/N350K:EA, MY, SP)				***** HARDWARE LIST *****	
△CNP19011-696-845-11		CORD, POWER (N350:AUS)		#1	7-685-646-79	SCREW +BVTP 3X8 TYPE2 N-S	
△CNP19011-751-529-11		CORD, POWER (N350:UK)		#2	7-685-871-01	SCREW +BVTT 3X6 (S)	
△F1901	1-532-299-00	FUSE (T5A 250V) (N350:E, AUS, MX, AR, PX/N350K)		#3	7-685-534-19	SCREW +BTP 2.6X8 TYPE2 N-S	
△F1901	1-532-350-00	FUSE (T4A 250V) (N350:AEP, UK, G, IT)		#4	7-621-849-00	SCREW, TAPPING	
△F1902	1-532-299-00	FUSE (T5A 250V) (N350:E, AUS, MX, AR, PX/N350K)		#5	7-682-560-04	SCREW +BVTT 4X6 (S)	
△F1902	1-532-350-00	FUSE (T4A 250V) (N350:AEP, UK, G, IT)		#6	7-621-770-67	SCREW +BVTT 2.6X6 (S)	
△F1903	1-576-108-11	FUSE (4A 125V) (D560/N350:CND)		#7	7-685-533-19	SCREW +BTP 2.6X6 TYPE2 N-S	
FL601	1-517-341-11	INDICATOR TUBE, FLUORESCENT		#8	7-621-775-10	SCREW +B 2.6X4	
HP901	1-500-093-11	HEAD, MAGNETIC (PLAYBACK)		#9	7-621-775-00	SCREW +B 2.6X3	
HRPE9011-500-094-11		HEAD, MAGNETIC (REC/PB/ERASE)		#10	7-623-921-01	RING, RETAINING, CAPSTAN	
M101	X-4917-523-4	MOTOR ASSY (SPINDLE)		#11	7-682-554-04	SCREW +B 3X25	
M102	X-4917-504-1	MOTOR ASSY (SLED)		#12	7-685-647-79	SCREW +BVTP 3X10 TYPE2 N-S	
M701	A-4353-976-A	MOTOR ASSY, ROTARY (TABLE)		#13	7-682-961-01	SCREW +PSW 4X8	
M702	A-4353-974-A	MOTOR ASSY, LOADING		#14	7-685-136-19	SCREW +P 2.6X12 TYPE2 NON-SLIT	
S701	1-572-713-11	SWITCH, PUSH (WITH CONNECTOR) (DOWN)		#15	7-621-255-15	SCREW +P 2X3	
△S1911	1-570-046-21	SWITCH, VOLTAGE CHANGE (N350:E, AR, PX/N350K:E3, EA, SP)		#16	7-685-650-79	SCREW +BVTP 3X16 TYPE2 N-S	
△T901	1-427-707-21	TRANSFORMER, POWER (N350:AEP, UK, G, IT)		#17	7-685-131-19	SCREW +BTP 2.6X4 TYPE2 N-S	
△T901	1-427-709-11	TRANSFORMER, POWER (N350:E, AUS, MX, AR, PX/N350K)					
△T901	1-427-710-11	TRANSFORMER, POWER (N350:CND)					
△T901	1-427-711-11	TRANSFORMER, POWER (D560)					

ACCESSORIES & PACKING MATERIALS							

1-467-969-11		COMMANDER, STANDARD (RM-S300L) (D560/N350:CND, UK, E, AUS, MX, AR, PX/N350K)					
1-501-374-11		ANTENNA, LOOP (N350:AEP, G, IT/N350:G, IT)					
1-501-594-31		ANTENNA (FM) (N350:AEP, G, IT)					
3-798-246-41		MANUAL, INSTRUCTION (ENGLISH, FRENCH, SPANISH, PORTUGUESE) (N350:AEP, G)					
3-798-246-51		MANUAL, INSTRUCTION (GERMAN, ITALIAN, DUTCH, SWEDISH) (N350:AEP, G, IT)					
4-937-945-01		PLATE (TRANSPORT), LOCK (D560/N350:AEP, G, IT, CND, UK, E, AUS, MX, AR, PX/N350K)					
4-941-762-01		COVER (MLY), BATTERY (for RM-S300L)					
* 4-971-344-01		INDIVIDUAL CARTON (N350:AEP)					
* 4-971-633-01		CUSHION (D560/N350:AEP, G, IT, UK, E2, MX, AR, PX/N350K)					
* 4-973-315-01		CUSHION (N350:CND, E3, AU/N350K:E)					

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HCD-D560/N350/N350K

SONY **SERVICE MANUAL**

US Model

HCD-D560

Canadian Model

AEP Model

UK Model

Australian Model

PX Model

HCD-N350

E Model

HCD-N350/N350K

SUPPLEMENT-1

File this supplement with the service manual.


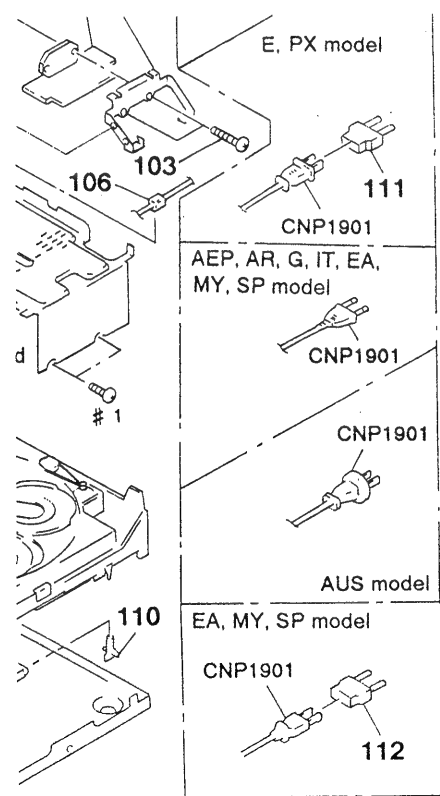
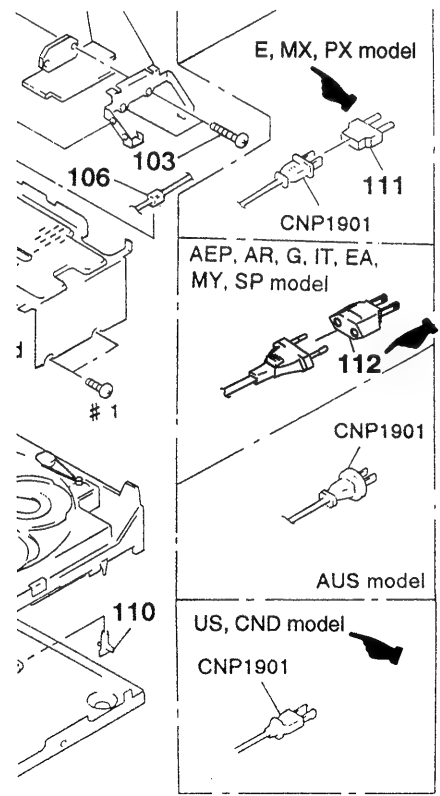
- | |
|---|
| <p>Subject : 1. CORRECTION</p> <ul style="list-style-type: none">2. S CURVE CHECK SPECIFICATION CHANGED3. PARTS CHANGED4. MECHANISM DECK CHANGED5. BOARD CHANGED6. MAIN & POWER AMP BOARD CHANGED |
|---|

(SPM-96037)

1. CORRECTION

• Correct your service manual as shown below.

✂ : indicates corrected portion.

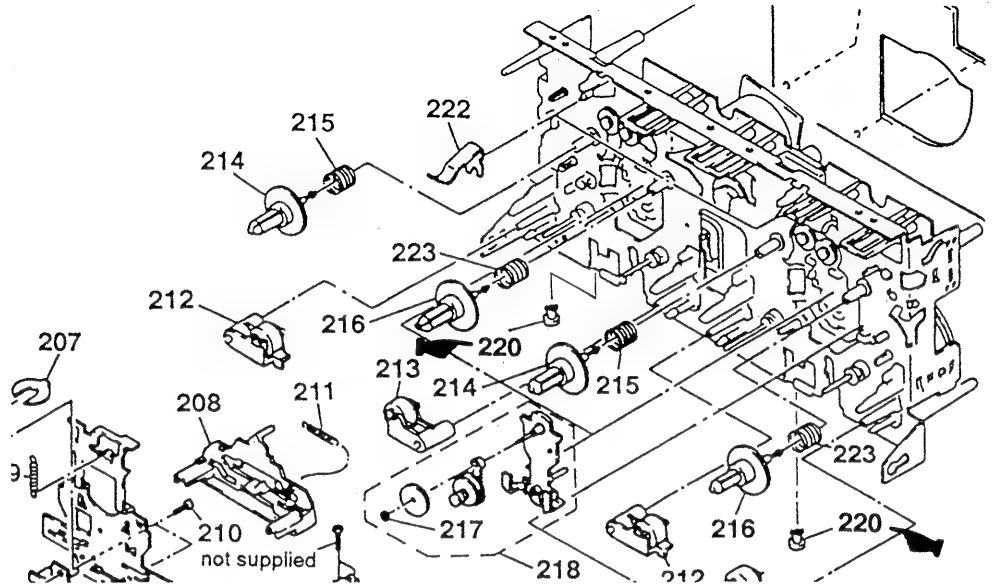
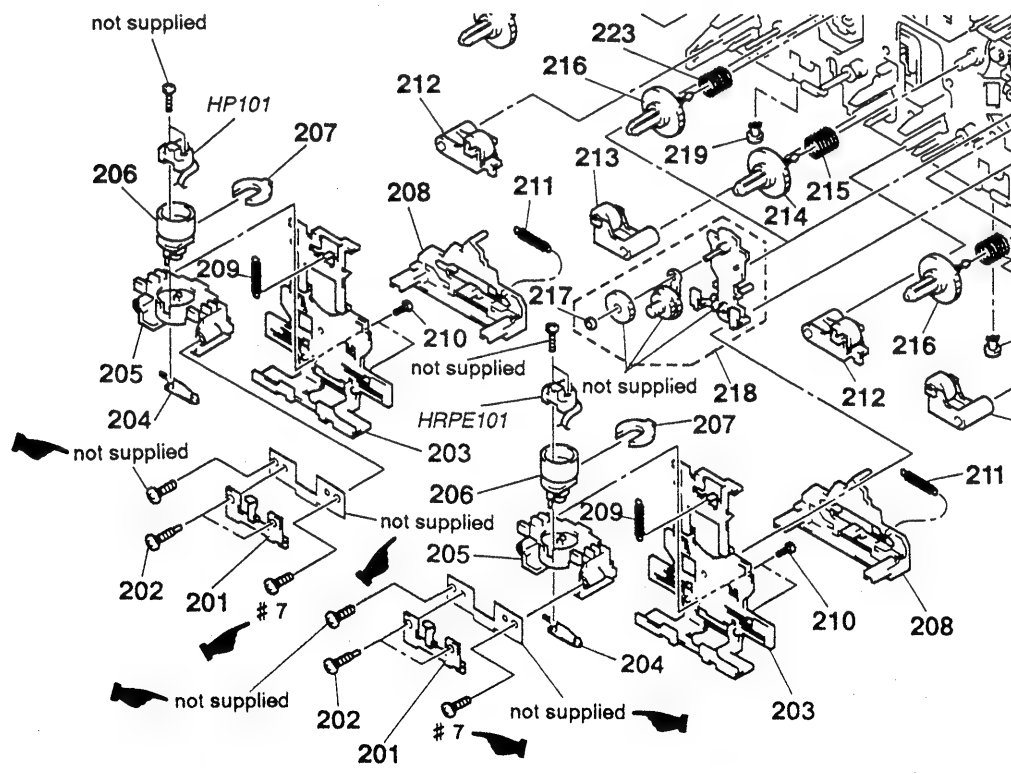
Page	INCORRECT	CORRECT																																																
12	Torque Mesurement <table border="1"> <thead> <tr> <th>Torque</th><th>Torque meter</th><th>Meter reading</th></tr> </thead> <tbody> <tr> <td>FWD</td><td>CQ-102C</td><td>36 to 61 g • cm</td></tr> <tr> <td>FWD back tension</td><td>CQ-102C</td><td>2 to 6 g • cm</td></tr> <tr> <td>REV</td><td>CQ-102RC</td><td>36 to 61 g • cm</td></tr> <tr> <td>REV back tension</td><td>CQ-102RC</td><td>2 to 6 g • cm</td></tr> <tr> <td>FF/REW</td><td>CQ-201B</td><td>61 to 143 g • cm</td></tr> <tr> <td>FWD tension</td><td>CQ-403A</td><td>1kg • cm or more</td></tr> <tr> <td>REV tension</td><td>CQ-403R</td><td>1kg • cm or more</td></tr> </tbody> </table>	Torque	Torque meter	Meter reading	FWD	CQ-102C	36 to 61 g • cm	FWD back tension	CQ-102C	2 to 6 g • cm	REV	CQ-102RC	36 to 61 g • cm	REV back tension	CQ-102RC	2 to 6 g • cm	FF/REW	CQ-201B	61 to 143 g • cm	FWD tension	CQ-403A	1kg • cm or more	REV tension	CQ-403R	1kg • cm or more	 Torque Measurement <table border="1"> <thead> <tr> <th>Torque</th><th>Torque meter</th><th>Meter reading</th></tr> </thead> <tbody> <tr> <td>FWD</td><td>CQ-102C</td><td>36 to 61 g • cm (0.5 - 0.84 oz • inch)</td></tr> <tr> <td>FWD back tension</td><td>CQ-102C</td><td>2 to 6 g • cm (0.02 - 0.08 oz • inch)</td></tr> <tr> <td>REV</td><td>CQ-102RC</td><td>36 to 61 g • cm (0.5 - 0.84 oz • inch)</td></tr> <tr> <td>REV back tension</td><td>CQ-102RC</td><td>2 to 6 g • cm (0.02 - 0.08 oz • inch)</td></tr> <tr> <td>FF/REW</td><td>CQ-201B</td><td>61 to 143 g • cm (0.85 - 1.99 oz • inch)</td></tr> <tr> <td>FWD tension</td><td>CQ-403A</td><td>✂ 100 g or more (3.53 oz or more)</td></tr> <tr> <td>REV tension</td><td>CQ-403R</td><td>✂ 100 g or more (3.53 oz or more)</td></tr> </tbody> </table>	Torque	Torque meter	Meter reading	FWD	CQ-102C	36 to 61 g • cm (0.5 - 0.84 oz • inch)	FWD back tension	CQ-102C	2 to 6 g • cm (0.02 - 0.08 oz • inch)	REV	CQ-102RC	36 to 61 g • cm (0.5 - 0.84 oz • inch)	REV back tension	CQ-102RC	2 to 6 g • cm (0.02 - 0.08 oz • inch)	FF/REW	CQ-201B	61 to 143 g • cm (0.85 - 1.99 oz • inch)	FWD tension	CQ-403A	✂ 100 g or more (3.53 oz or more)	REV tension	CQ-403R	✂ 100 g or more (3.53 oz or more)
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73	<p>Ref No. Part No. Description Remark</p> <p>*** EXPLODED VIEWS ***</p>  <p>E, PX model</p> <p>106 103 111</p> <p>CNP1901</p> <p>AEP, AR, G, IT, EA, MY, SP model</p> <p>CNP1901</p> <p>AUS model</p> <p>EA, MY, SP model</p> <p>CNP1901 112</p>	<p>Ref No. Part No. Description Remark</p> <p>*** EXPLODED VIEWS ***</p>  <p>E, MX, PX model</p> <p>106 103 111</p> <p>CNP1901</p> <p>AEP, AR, G, IT, EA, MY, SP model</p> <p>✂ 112</p> <p>CNP1901</p> <p>AUS model</p> <p>US, CND model</p> <p>✂ CNP1901</p>																																																

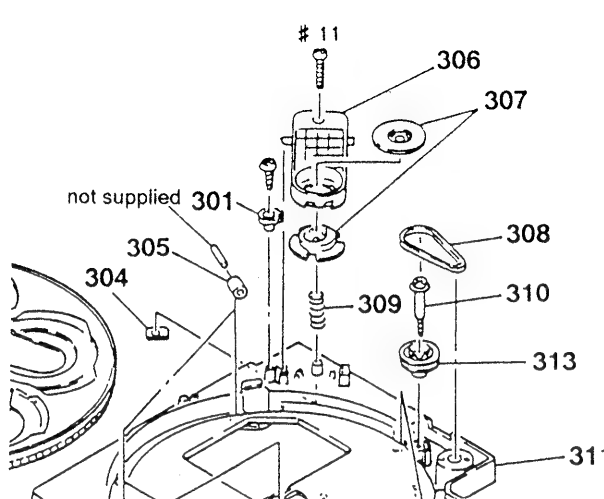
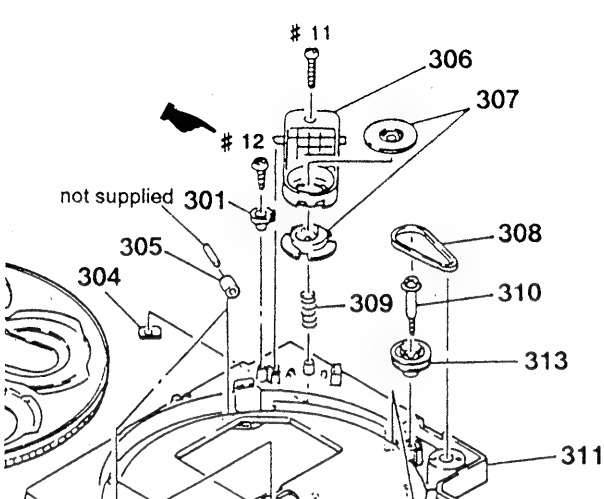
• Abbreviation

CND	: Canadian model	SP	: Singapore model
G	: German model	MY	: Malaysia model
IT	: Italian model	AUS	: Australian model
EA	: Saudi Arabia model	AR	: Argentine model

Page	INCORRECT				CORRECT			
73	Ref No.	Part No.	Description	Remark	Ref No.	Part No.	Description	Remark
			<p>101 (N350 : AEP, UK, G, IT)</p> <p>101 (D560/N350 : CND, E, AUS, MX, AR, PX /N350K)</p> <p># 5</p> <p>F1901</p> <p>F1902</p> <p>104</p> <p>104</p> <p>T901</p> <p>102 not supplied</p>			<p>101 (N350 : AEP, UK, G, IT)</p> <p>101 (D560/N350 : CND, E, AUS, MX, AR, PX /N350K)</p> <p># 5</p> <p>F1901</p> <p>F1902</p> <p>104</p> <p>104</p> <p>T901</p> <p>102 not supplied</p> <p>104</p> <p>F1903</p>		
74			<p>155</p> <p>156</p> <p># 6</p> <p>151</p> <p>not supplied</p> <p># 1</p>			<p>155</p> <p>156</p> <p># 6</p> <p>151</p>		

- Abbreviation
- CND : Canadian model
- G : German model
- IT : Italian model
- MX : Mexican model
- AUS : Australian model
- AR : Argentine model

Page	INCORRECT				CORRECT			
75	Ref No.	Part No.	Description	Remark	Ref No.	Part No.	Description	Remark
								
219	3-911-116-21	RIVET, PUSH			219	3-911-116-11	RIVET, PUSH	
					220	3-911-116-21	RIVET, PUSH	
								

Page	INCORRECT				CORRECT			
77	Ref No.	Part No.	Description	Remark	Ref No.	Part No.	Description	Remark
								
84	<p>*** ELECTRICAL PARTS LIST ***</p> <p>*** KEY CON BOARD (N350K) ***</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>X1101 1-567-927-11 VIBLATOR, CERAMIC</p>				<p>*** ELECTRICAL PARTS LIST ***</p> <p>*** KEY CON BOARD (N350K) ***</p> <p>C1445 1-136-165-00 FILM 0.1uF 5% 50V</p> <p>C1446 1-136-165-00 FILM 0.1uF 5% 50V</p> <p>C1447 1-136-165-00 FILM 0.1uF 5% 50V</p> <p>X1101 1-567-927-11 VIBLATOR, CERAMIC (16MHZ)</p>			
89	<p>*** MAIN BOARD ***</p> <p>IC1051 8-759-333-93 IC TMP87CP64F-6254</p>				<p>*** MAIN BOARD ***</p> <p>IC1051 8-759-<u>354-84</u> IC TMP87CP64F-6298</p>			
94	<p>*** MIC BOARD (N350K) ***</p> <p>_____</p>				<p>*** MIC BOARD (N350K) ***</p> <p>* CN1601 1-568-954-11 PIN, CONNECTOR 5P</p>			
99	<p>*** POWER PRIMARY BOARD ***</p> <p>△ F1903 1-576-107-11 FUSE (3.15A 125V)(D560/N350: CND)</p> <p>R1900 1-202-725-00 SOLID 3.3M 10% 1/2W (D560/N350: CND)</p>				<p>*** POWER PRIMARY BOARD ***</p> <p>△ F1903 1-576-<u>108-11</u> FUSE (4A 125V)(D560/N350: CND)</p> <p><u>△ R1900</u> 1-202-725-00 SOLID 3.3M 10% 1/2W (D560/N350: CND)</p>			
100	<p>*** ACCESSORIES & PACKING MATERIALS ***</p> <p>1-501-374-11 ANTENNA, LOOP (N350: AEP,G,IT/N350: G,IT)</p>				<p>*** ACCESSORIES & PACKING MATERIALS ***</p> <p>1-501-374-11 ANTENNA, LOOP (N350: AEP,G,IT)</p>			

- Abbreviation
- CND : Canadian model
- G : German model
- IT : Italian model

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ELECTRICAL ADJUSTMENT CORRECTION

- Correct your service manual as shown below.

✂ : indicates corrected portion

DECK SECTION

— Page 12 —

1. Demagnetize the record/playback head with a head demagnetizer.
2. Do not use a magnetized screwdriver for the adjustments.
3. After the adjustments, apply suitable locking compound to the parts adjusted.
4. The adjustments should be performed with the rated power supply voltage unless otherwise noted.
5. The adjustments should be performed in the order given in this service manual. (As a general rule, playback circuit adjustment should be completed before performing recording circuit adjustment.)
6. The adjustments should be performed for both L-CH and R-CH.
7. Switches and controls should be set as follows unless otherwise specified.

DOLBY NR switch : OFF (Except E model)

Tape	Signal	Used for
P-4-A100	10 kHz, -10 dB	Azimuth Adjustment
WS-48B	3 kHz, 0 dB	Tape Speed Adjustment
P-4-L300	315 Hz, 0 dB	Level Adjustment

Tape Speed Adjustment (Deck A)

— Page 13 —

Note: Start the Tape Speed adjustment as below after setting the test mode.

The tape speed can be changed with the **HIGH SPEED DUBBING** button during the test mode.

Method :

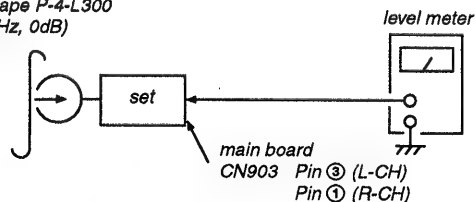
1. Turn the power switch on.
2. Press the **DISPLAY** button, **FUNCTION** button and **POPS/2** button simultaneously.

Playback Level Adjustment (Deck A, Deck B)

Procedure:

Mode: Playback

test tape P-4-L300
(315Hz, 0dB)



Deck A is RV311 (L-CH) and RV411 (R-CH), deck B is RV301 (L-CH) and RV401 (R-CH)
so that adjustment within the following adjustment level.

Adjustment level:

CN903 playback level: 301.5 to 338.3 mV (-8.2 to -7.2 dB)

level difference between the channels: within ± 0.5 dB

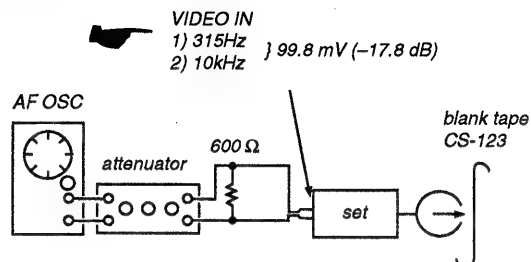
Adjustment Location: MD board

Record Bias Adjustment (Deck B)

— Page 14 —

Procedure:

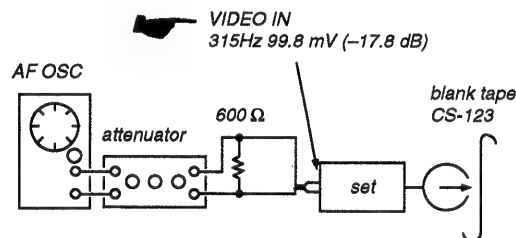
1. Press **FUNCTION** button to select VIDEO.
2. Mode: record



Record Level Adjustment (Deck B)

Procedure:

1. Press **FUNCTION** button to select VIDEO.
2. Mode: record



TUNER SECTION

— Page 15 —

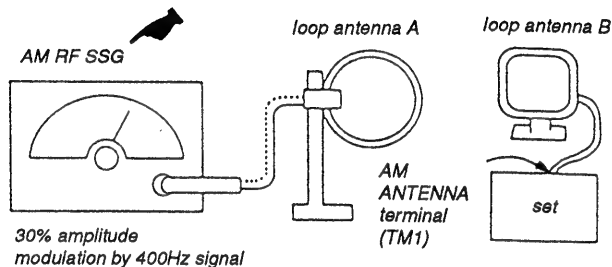
Note: As a front-end (FE1) is difficult to repair if faulty, replace it with new one.

AM Tuner Level Adjustment

Note: FM Tuned Level adjustment should be performed after this AM Tuned Level Adjustment.

Band : AM

Setting :



Procedure :

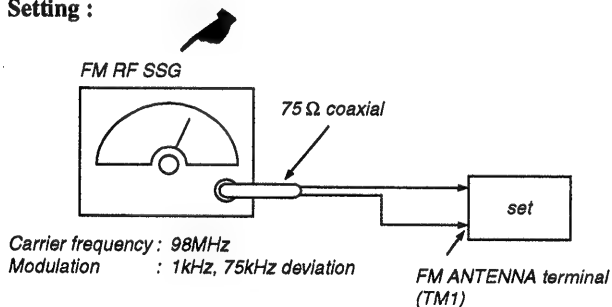
1. Set loop antenna A so that the loop antenna B input level becomes $316 \mu\text{V}$ (50 dB μm).
2. Tune the set to 1050kHz.
3. Adjust RV1 so that the TUNED indicator goes on.

Adjustment Location : main board

FM Tuned Level Adjustment

Band : FM

Setting :



Procedure :

1. Supply a $17.8 \mu\text{V}$ (25dB μ) 98 MHz signal from the ANTENNA terminal.
2. Tune the set to 98 MHz.
3. Adjust RV2 so that the TUNED indicator goes on.

Adjustment Location : main board

- Repeat the procedures in each adjustment several times, and the frequency coverage and tracking adjustments should be finally done by trimmer capacitors.

SW OSC Voltage Adjustment

(Saudi Arabia Model Only)

BAND SELECT : SW

Procedure :

1. Connect the VOM to JW11.
2. Tune the set to 5.95MHz.
3. Adjust T2 for 0.9 to 1.1V reading on the VOM.
4. Tune the set to 17.90MHz.
5. Adjust CT2 for 8.3 to 8.7V reading on the VOM.

SW Tracking Adjustment

(Saudi Arabia Model Only)

BAND SELECT : SW

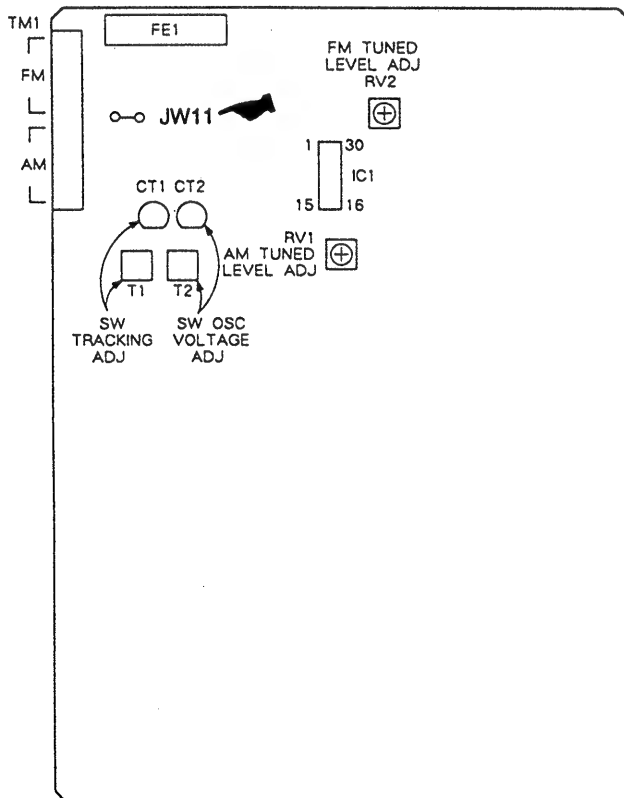
Procedure :

1. Connect the VOM to speaker terminal.
2. Adjust for a maximum reading on VOM.

Signal generator and Set frequency	Adjustment part
7.0MHz	T1
17.0MHz	CT1

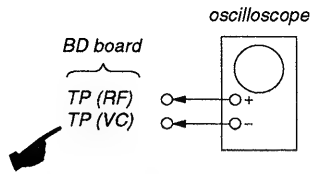
Adjustment Location : main board

[MAIN BOARD] (Component Side)



Focus Bias Adjustment

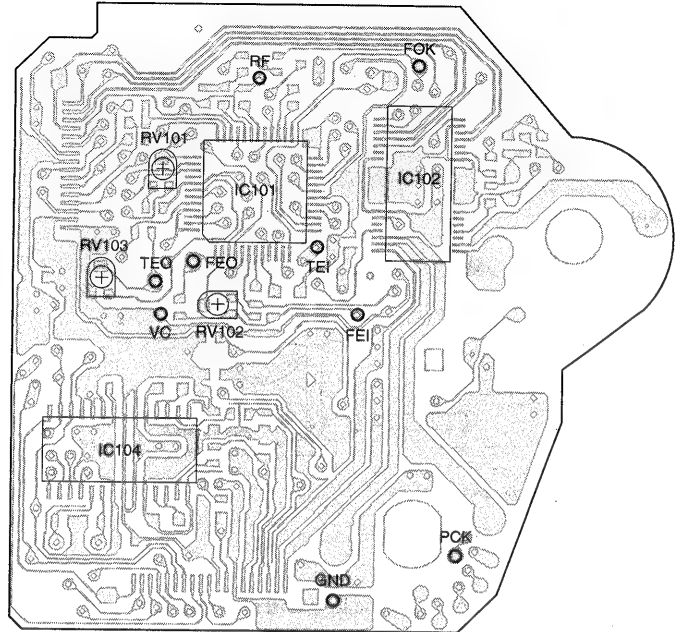
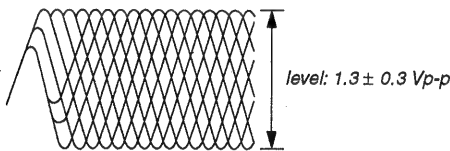
[BD BOARD] — Component Side —



Procedure:

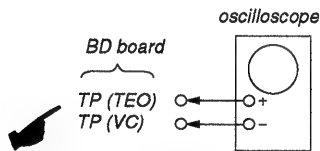
1. Connect oscilloscope to test point TP (RF).
2. Turned Power switch on.
3. Put disc (YEDS-18) in and playback.
4. Adjust RV101 so that the waveform is clear.
(Clear RF signal waveform means that the shape "◇" can be clearly distinguished at the center of the waveform.)
5. After adjustment, check the RF signal level.

- RF signal
VOLT/DIV : 200 mV
TIME/DIV : 500 nS



E-F Balance Check

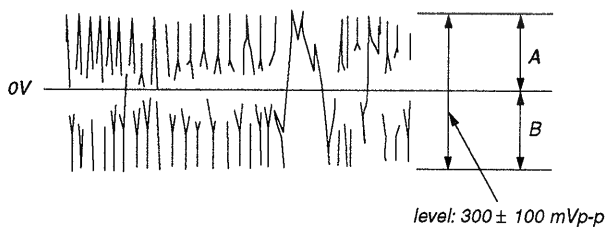
[MAIN BOARD] — Conductor Side —



Procedure:

1. Connect pin 59 of IC1501 on Main board to ground with a lead wire.
2. Connect oscilloscope to test point TP (TEO).
3. Turned Power switch on.
4. Put disc (YEDS-18) in and playback.
5. Confirm that the oscilloscope waveform is symmetrical on the top and bottom in relation to 0Vdc, and check this level.

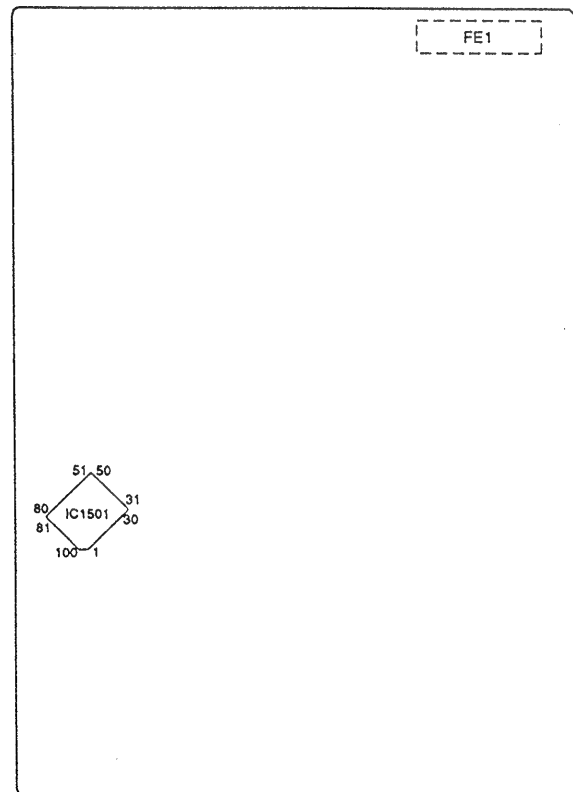
Traverse waveform



Specified level: • $\frac{A - B}{2(A + B)} \times 100 = \text{less than } \pm 7\%$

• $A + B = 300 \pm 100 \text{ mVp-p}$


6. Remove the lead wire connected in step 1.



2. S CURVE CHECK SPECIFICATION CHANGED

The value of mounted parts of the BD board has changed due to improvements.

Following this change, the S Curve check values have also changed as follows.

 : indicates changed portion

Ref No.	FORMER						NEW						
	Part No.	Description				Remark	Part No.	Description				Remark	
	*** BD BOARD, COMPLETE ***							*** BD BOARD, COMPLETE ***					
C116	1-163-143-00	CERAMIC CHIP	0.0012μF	5%	50V		1-163-016-00	CERAMIC CHIP	0.0039μF	10%	50V		
C118	1-163-038-91	CERAMIC CHIP	0.1μF		25V		1-107-823-11	CERAMIC CHIP	0.47μF	10%	16V		
R105	1-216-089-00	METAL CHIP	47K	5%	1/10W		1-216-093-00	METAL CHIP	68K	5%	1/10W		
R106	1-216-089-00	METAL CHIP	47K	5%	1/10W		1-216-093-00	METAL CHIP	68K	5%	1/10W		
R107	1-216-089-00	METAL CHIP	47K	5%	1/10W		1-216-093-00	METAL CHIP	68K	5%	1/10W		
R108	1-216-089-00	METAL CHIP	47K	5%	1/10W		1-216-093-00	METAL CHIP	68K	5%	1/10W		
R112	1-216-077-00	METAL CHIP	15K	5%	1/10W		1-216-083-00	METAL CHIP	27K	5%	1/10W		
R113	1-216-077-00	METAL CHIP	15K	5%	1/10W		1-216-083-00	METAL CHIP	27K	5%	1/10W		
R117	1-216-093-00	METAL CHIP	68K	5%	1/10W		1-216-069-00	METAL CHIP	6.8K	5%	1/10W		
R119	1-216-121-00	METAL CHIP	1M	5%	1/10W		1-216-089-91	METAL CHIP	47K	5%	1/10W		
R153	1-216-089-00	METAL CHIP	47K	5%	1/10W		1-216-082-00	METAL CHIP	24K	5%	1/10W		
R156	1-216-081-00	METAL CHIP	22K	5%	1/10W		1-216-085-00	METAL CHIP	33K	5%	1/10W		

S Curve Check

— Page 16 —

BD board

TP(FE)

TP(VC)

oscilloscope

Procedure :

1. Connect oscilloscope to test point TP (FEO).

2. Connect between test point TP (FOK) and GND by lead wire.

3. Turn Power switch on.

4. Put disc (YEDS-18) in and turned Power switch on again and actuate the focus search. (actuate the focus search when disc table is moving in and out.)

5. Check the oscilloscope waveform (S-curve) is symmetrical between A and B. And confirm peak to peak level within 3.8 ± 1.1 Vp-p.

S-curve waveform

symmetry

within 3.8 ± 1.1 Vp-p

6. After check, remove the lead wire connected in step 2.

Note : • Try to measure several times to make sure than the ratio of A : B or B : A is more than 10 : 7.

• Take sweep time as long as possible and light up the brightness to obtain best waveform.

S Curve Check

— Page 16 —

BD board

TP(FEO)

TP(VC)

oscilloscope

Procedure :

1. Connect oscilloscope to test point TP (FEO).

2. Connect between test point TP (FOK) and GND by lead wire.

3. Turn Power switch on.

4. Put disc (YEDS-18) in and turned Power switch on again and actuate the focus search. (actuate the focus search when disc table is moving in and out.)

5. Check the oscilloscope waveform (S-curve) is symmetrical between A and B. And confirm peak to peak level within 2.4 ± 0.7 Vp-p.

S-curve waveform

symmetry


within 2.4 ± 0.7 Vp-p

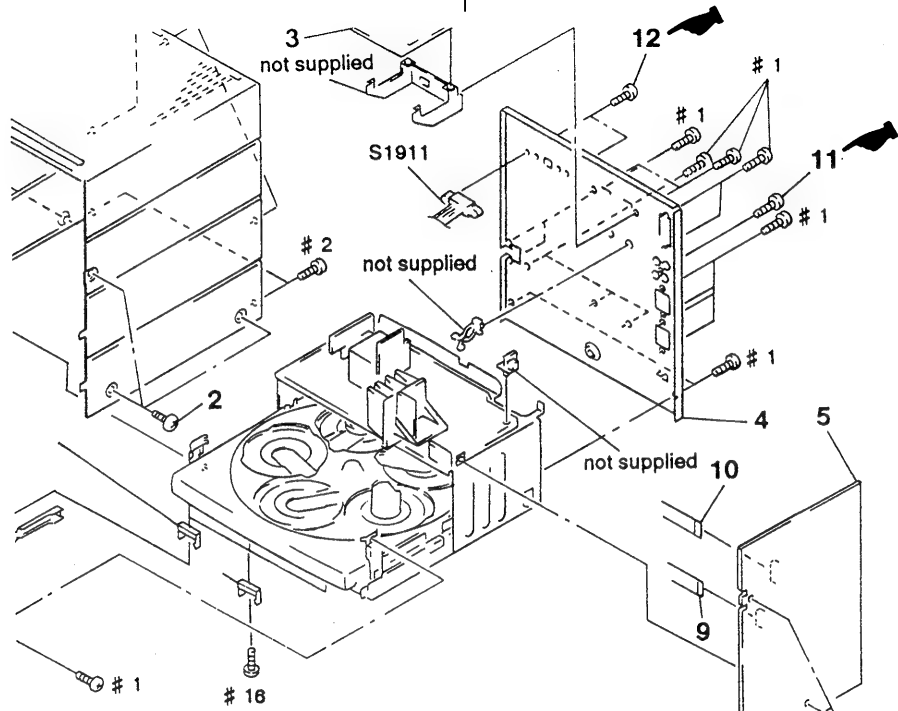
6. After check, remove the lead wire connected in step 2.

Note : • Try to measure several times to make sure than the ratio of A : B or B : A is more than 10 : 7.

• Take sweep time as long as possible and light up the brightness to obtain best waveform.

3. PARTS CHANGED

 : indicates changed portion

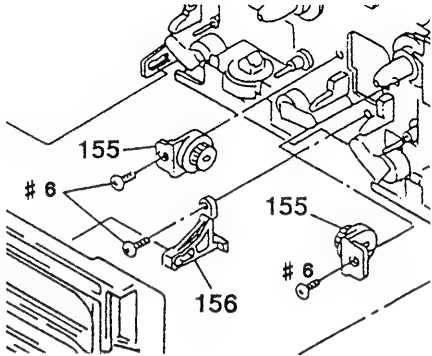
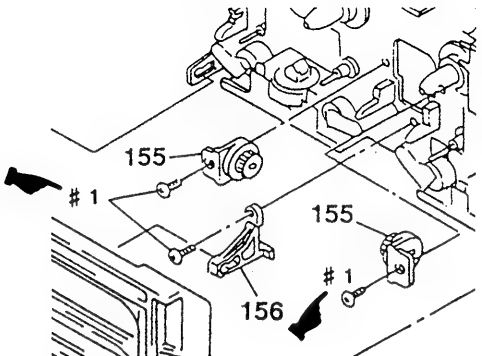
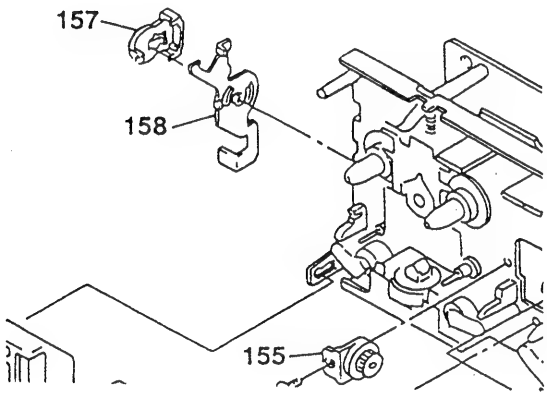
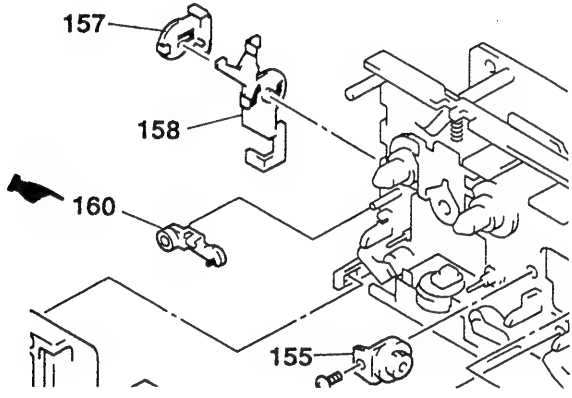
Page	FORMER				NEW			
	Ref No.	Part No.	Description	Remark	Ref No.	Part No.	Description	Remark
71	*** EXPLODED VIEWS ***				*** EXPLODED VIEWS ***			
								
	7	4-962-705-01	CHASSIS, HOLDER		11	4-909-982-11	SCREW, TAPPING	
					12	2-383-566-00	SCREW	
72	82	4-963-404-01	EMBLEM (5-A), SONY		82	4-963-404-21	EMBLEM (5-A), SONY	
73	* 107	A-4378-088-A	DBFB BOARD, COMPLETE (N350: E,AUS,MX,AR,PX/N350K)		* 107	1-656-668-11	DBFB BOARD (N350: E,AUS,MX,AR,PX/N350K)	
	* 108	1-654-656-11	REGULATOR BOARD		* 108	1-654-653-11	REGULATOR BOARD	
	△ CNP1901	1-558-943-41	CORD, POWER (N350: E,MX,PX/N350K: E)		△ CNP1901	1-551-188-XX	CORD, POWER (N350: E,MX,PX/N350K: E)	
	△ F1901	1-532-299-00	FUSE (T5A 250V) (N350: E,AUS,MX,AR,PX/N350K)		△ F1901	1-532-505-51	FUSE (5A 250V) (N350: E,AUS,MX,AR,PX/N350K)	
	△ F1901	1-532-350-00	FUSE (T4A 250V)(N350: AEP,UK,G,IT)		△ F1901	1-532-504-51	FUSE (4A 250V)(N350: AEP,UK,G,IT)	
	△ F1902	1-532-299-00	FUSE (T5A 250V) (N350: E,AUS,MX,AR,PX/N350K)		△ F1902	1-532-505-51	FUSE (5A 250V) (N350: E,AUS,MX,AR,PX/N350K)	
	△ F1902	1-532-350-00	FUSE (T4A 250V)(N350: AEP,UK,G,IT)		△ F1902	1-532-504-51	FUSE (4A 250V)(N350: AEP,UK,G,IT)	

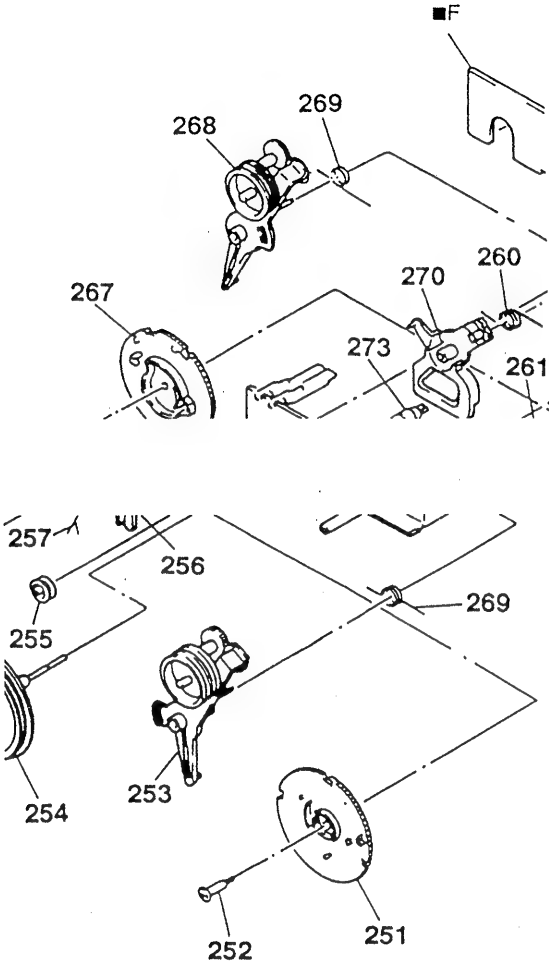
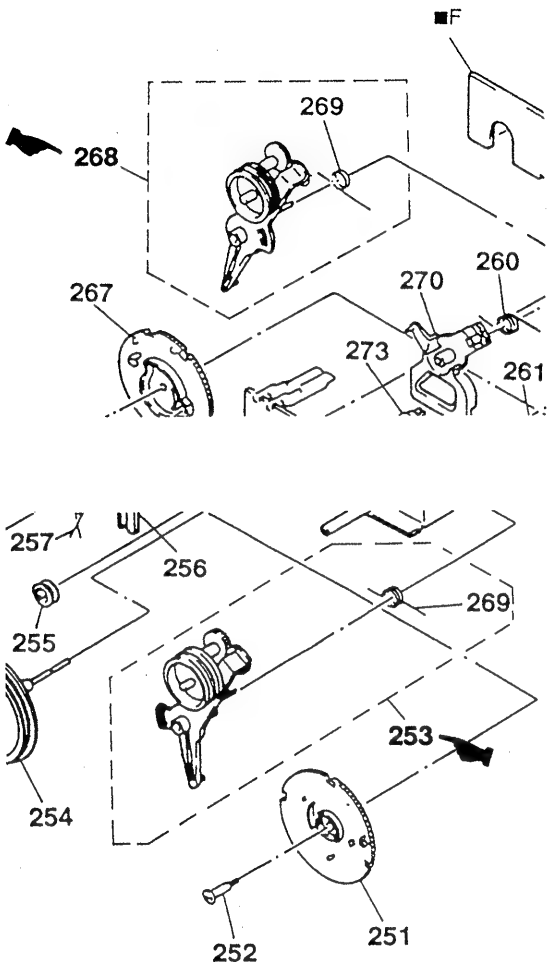
• Abbreviation

G : German model
IT : Italian model
MX : Mexican model
AUS : Australian model
AR : Argentine model

The components identified by mark △ or dotted line with mark △ are critical for safety. Replace only with part number specified.

Les composants identifiés par une marque △ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

Page	FORMER				NEW			
74	Ref No.	Part No.	Description	Remark	Ref No.	Part No.	Description	Remark
								
	151	X-4943-776-1	HOLDER (L) ASSY, CASSETTE		151	X-4945-690-1	HOLDER (L) ASSY, CASSETTE	
	152	X-4943-775-1	HOLDER (R) ASSY, CASSETTE		152	X-4945-691-1	HOLDER (R) ASSY, CASSETTE	
								
					160	3-938-863-01	STOPPER	

Page	FORMER				NEW			
	Ref No.	Part No.	Description	Remark	Ref No.	Part No.	Description	Remark
76					*** EXPLODED VIEWS ***			
								
	251	3-908-597-01	CAM (A)		251	3-908-597-05	CAM (A)	
	253	X-3367-590-2	ARM (A) ASSY, FR		253	X-3372-930-1	ARM (A) ASSY, FR	
	268	X-3367-591-2	ARM (B) ASSY, FR		268	X-3372-931-1	ARM (A) ASSY, FR	
77	M701	A-4353-976-A	MOTOR ASSY, ROTARY (TABLE)		M701	A-4604-849-A	MOTOR ASSY, ROTARY (TABLE)	
78	359	4-934-375-11	GEAR (LOADING B)		359	4-934-375-01	GEAR (LOADING B)	
	361	1-638-288-11	LOADING MOTOR BOARD		361	1-639-288-11	LOADING MOTOR BOARD	
	M702	A-4353-974-A	MOTOR ASSY, LOADING		M702	A-4604-847-A	MOTOR ASSY, LOADING	

- Abbreviation
- MX : Mexican model
- AUS : Australian model
- AR : Argentine model

Page	FORMER					NEW				
80	Ref No.	Part No.	Description	Remark		Ref No.	Part No.	Description	Remark	
	*** ELECTRICAL PARTS LIST ***					*** ELECTRICAL PARTS LIST ***				
	*** 5CD PANEL BOARD ***					*** 5CD PANEL BOARD ***				
	R552	1-247-811-31	CARBON 150 5% 1/4W (N350: E,AUS,MX,AR,PX/N350K)			R552	1-249-408-11	CARBON 180 5% 1/4W (N350: E,AUS,MX,AR,PX/N350K)		
82	*	A-4378-088-A DBFB BOARD, COMPLETE ***** (N350: E,AUS,MX,AR,PX/N350K)				*	A-4378-333-A DBFB BOARD, COMPLETE ***** (N350: E,AUS,MX,AR,PX/N350K)			
	C2133	1-124-463-00	ELECT 0.1uF 20% 50V			C2133	1-124-902-00	ELECT 0.47uF 20% 50V		
83	R2108	1-249-429-11	CARBON 10K 5% 1/4W	F		R2108	1-249-437-11	CARBON 47K 5% 1/4W		
	R2135	1-249-413-11	CARBON 470 5% 1/4W			R2111	1-249-419-11	CARBON 1.5K 5% 1/4W		
	R2158	1-249-429-11	CARBON 10K 5% 1/4W			R2135	1-249-415-11	CARBON 680 5% 1/4W		
						R2158	1-249-437-11	CARBON 47K 5% 1/4W		
						R2161	1-249-419-11	CARBON 1.5K 5% 1/4W		
	*	A-4377-133-A ECHO BOARD, COMPLETE (N350K) *****				*	A-4378-678-A ECHO BOARD, COMPLETE (N350K) *****			
	C1645	1-130-490-11	MYLAR 0.039uF 5% 50V			C1620	1-162-294-31	CERAMIC 0.001uF 10% 50V		
						C1621	1-162-294-31	CERAMIC 0.001uF 10% 50V		
						C1645	1-130-483-00	MYLAR 0.01uF 5% 50V		
						R1658	1-247-903-00	CARBON 1M 5% 1/4W		
84	*** KEY CON BOARD (N350K) ***					*** KEY CON BOARD (N350K) ***				
						C1440	1-162-290-31	CERAMIC 470PF 10% 50V		
						C1480	1-161-494-00	CERAMIC 0.022uF 25V		
85	*** LOADING MOTOR BOARD ***					*** LOADING MOTOR BOARD ***				
	M702	A-4353-974-A	MOTOR ASSY (LOADING)			M702	A-4604-847-A	MOTOR ASSY, LOADING		
93	*	A-2007-253-A MD BOARD, COMPLETE *****				*	A-2007-435-A MD BOARD, COMPLETE *****			
94	C651	1-164-159-11	CERAMIC 0.1uF 50V			C651	1-161-494-00	CERAMIC 0.022uF 25V		
	Q623	8-729-801-93	TRANSISTOR 2SD1387			Q623	8-729-030-18	TRANSISTOR 2SD2525		
	*** MIC BOARD (N350K) ***					*** MIC BOARD (N350K) ***				
	J1601	1-569-113-11	JACK, LARGE TYPE (MIC 1)			C1622	1-164-159-11	CERAMIC 0.1uF 50V		
	J1602	1-573-151-11	JACK, LARGE TYPE (MIC 2)			J1601	1-573-151-11	JACK, LARGE TYPE (MIC 1)		
						J1602	1-569-113-11	JACK, LARGE TYPE (MIC 2)		
95	*** PANEL BOARD ***					*** PANEL BOARD ***				
	C512	1-162-286-31	CERAMIC 220PF 10% 50V			C510	1-162-306-11	CERAMIC 0.01uF 20% 16V		
	C513	1-162-286-31	CERAMIC 220PF 10% 50V			C512	1-162-290-31	CERAMIC 470PF 10% 50V		
						C513	1-162-290-31	CERAMIC 470PF 10% 50V		
						C514	1-162-306-11	CERAMIC 0.01uF 20% 16V		
	C602	1-162-282-31	CERAMIC 100PF 10% 50V			C602	1-164-159-11	CERAMIC 0.1uF 50V		
						C661	1-162-284-31	CERAMIC 150PF 10% 50V		
						C662	1-162-284-31	CERAMIC 150PF 10% 50V		
						C663	1-162-284-31	CERAMIC 150PF 10% 50V		
						C664	1-162-284-31	CERAMIC 150PF 10% 50V		
						C665	1-162-284-31	CERAMIC 150PF 10% 50V		
						C666	1-162-284-31	CERAMIC 150PF 10% 50V		
						C671	1-164-159-11	CERAMIC 0.1uF 50V		
						C672	1-164-159-11	CERAMIC 0.1uF 50V		
						D551	8-719-987-63	DIODE IN4148M		

• Abbreviation

CND : Canadian model

G : German model

IT : Italian model

MX : Mexican model

AUS : Australian model

AR : Argentine model

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Page	FORMER										NEW									
96	Ref No.	Part No.	Description				Remark	Ref No.	Part No.	Description				Remark						
	Q611	8-729-422-57	TRANSISTOR UN411 (N350: E,AUS,MX,AR,PX/N350K)					Q611	8-729-119-76	TRANSISTOR 2SA1175-HFE (N350: E,AUS,MX,AR,PX/N350K)										
								R557	1-247-843-11	CARBON	3.3K	5%	1/4W	(N350: E,AUS,MX,AR,PX/N350K)						
								R558	1-249-429-11	CARBON	10K	5%	1/4W	(N350: E,AUS,MX,AR,PX/N350K)						
	R664	1-247-807-31	CARBON	100	5%	1/4W	F	R664	1-249-415-11	CARBON	680	5%	1/4W							
	R665	1-247-807-31	CARBON	100	5%	1/4W		R665	1-249-415-11	CARBON	680	5%	1/4W							
	R666	1-249-413-11	CARBON	470	5%	1/4W		R666	1-249-415-11	CARBON	680	5%	1/4W							
	R667	1-247-807-31	CARBON	100	5%	1/4W		R667	1-249-415-11	CARBON	680	5%	1/4W							
	R668	1-247-807-31	CARBON	100	5%	1/4W		R668	1-249-415-11	CARBON	680	5%	1/4W							
	R669	1-247-807-31	CARBON	100	5%	1/4W		R669	1-249-415-11	CARBON	680	5%	1/4W							
97	R693	1-249-429-11	CARBON	10K	5%	1/4W														
	R712	1-249-429-11	CARBON	10K	5%	1/4W		R712	1-249-429-11	CARBON	10K	5%	1/4W							
	R713	1-249-429-11	CARBON	10K	5%	1/4W		R713	1-249-429-11	CARBON	10K	5%	1/4W							
			*** POWER BOARD ***						*** POWER BOARD ***											
	△ F1901	1-532-299-00	FUSE (T5A 250V) (N350: E,AUS,MX,AR,PX/N350K)					△ F1901	1-532-505-51	FUSE, TIME-LAG (5A 250V) (N350: E,AUS,MX,AR,PX/N350K)										
	△ F1901	1-532-350-00	FUSE (T4 250V)(N350: AEP,UK,G,IT)					△ F1901	1-532-504-51	FUSE, TIME-LAG (4A 250V)(N350: AEP,UK,G,IT)										
	△ F1902	1-532-299-00	FUSE (T5A 250V) (N350: E,AUS,MX,AR,PX/N350K)					△ F1902	1-532-505-51	FUSE, TIME-LAG (5A 250V) (N350: E,AUS,MX,AR,PX/N350K)										
	△ F1902	1-532-350-00	FUSE (T4 250V)(N350: AEP,UK,G,IT)					△ F1902	1-532-504-51	FUSE, TIME-LAG (4A 250V)(N350: AEP,UK,G,IT)										
△ R1901	1-219-139-11	FUSIBLE	0.68	5%	1/4W	F	△ R1901	1-219-124-11	FUSIBLE	0.68	5%	1/4W	F							
						(D560/N350: CND)							(D560/N350: CND)							
98	△ R1902	1-219-136-11	FUSIBLE	0.22	5%	1/4W	F	△ R1902	1-219-121-11	FUSIBLE	0.22	5%	1/4W	F						
						(N350: AEP,UK,G,IT)							(N350: AEP,UK,G,IT)							
	△ R1903	1-219-136-11	FUSIBLE	0.22	5%	1/4W	F	△ R1903	1-219-121-11	FUSIBLE	0.22	5%	1/4W	F						
						(N350: AEP,UK,G,IT)							(N350: AEP,UK,G,IT)							
100			*** TABLE MOTOR BOARD ***									*** TABLE MOTOR BOARD ***								
	M701	A-4353-976-A	MOTOR ASSY (TABLE)							M701	A-4604-849-A	MOTOR ASSY, ROTARY (TABLE)								
			*** MISCELLANEOUS ***									*** MISCELLANEOUS ***								
	△ CNP1901	1-558-943-41	CORD, POWER (N350: E,MX,PX/N350K: E)							△ CNP1901	1-551-188-XX	CORD, POWER (N350: E,MX,PX/N350K: E)								
	△ F1901	1-532-299-00	FUSE (T5A 250V) (N350: E,AUS,MX,AR,PX/N350K)							△ F1901	1-532-505-51	FUSE (5A 250V) (N350: E,AUS,MX,AR,PX/N350K)								
	△ F1901	1-532-350-00	FUSE (T4A 250V)(N350: AEP,UK,G,IT)							△ F1901	1-532-504-51	FUSE (4A 250V)(N350: AEP,UK,G,IT)								
	△ F1902	1-532-299-00	FUSE (T5A 250V) (N350: E,AUS,MX,AR,PX/N350K)							△ F1902	1-532-505-51	FUSE (5A, 250V) (N350: E,AUS,MX,AR,PX/N350K)								
	△ F1902	1-532-350-00	FUSE (T4 250V)(N350: AEP,UK,G,IT)							△ F1902	1-532-504-51	FUSE (4A 250V)(N350: AEP,UK,G,IT)								
101	M701	A-4353-976-A	MOTOR ASSY, ROTARY (TABLE)							M701	A-4604-849-A	MOTOR ASSY, ROTARY (TABLE)								
	M702	A-4353-974-A	MOTOR ASSY, LOADING							M702	A-4604-847-A	MOTOR ASSY, LOADING								
			*** ACCESSORIES & PACKING MATERIALS ***									*** ACCESSORIES & PACKING MATERIALS ***								

4. MECHANISM DECK CHANGED

- The mechanism deck has been changed from TCM-220WR2 to TCM-220WR2E.
- Refer to “Difference table” for the difference of parts, and “Discriminate (Mechanism deck)” for discriminating each mechanism deck.

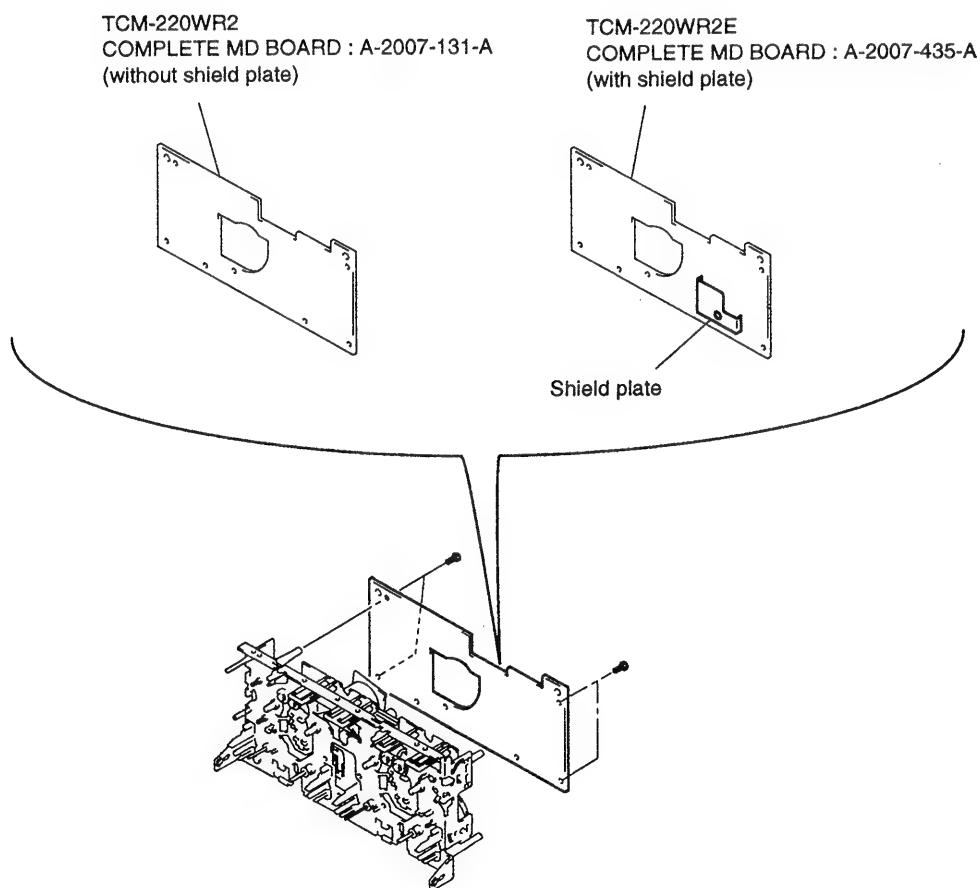
Difference table

TCM-220WR2				TCM-220WR2E			
Ref No.	Part No.	Description	Remark	Ref No.	Part No.	Description	Remark
* 221	A-2007-131-A	MD BOARD, COMPLETE		* 221	A-2007-435-A	MD BOARD, COMPLETE	


- Interchangeability of Complete MD Board

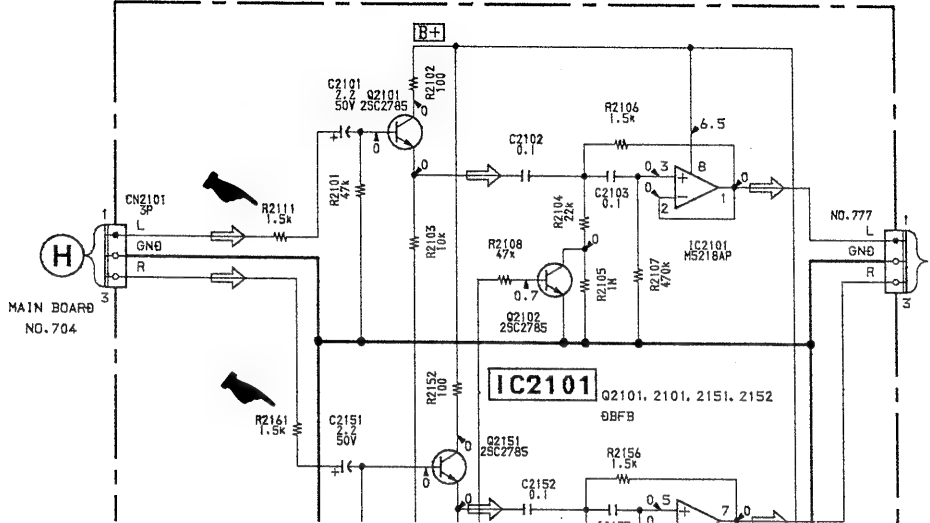
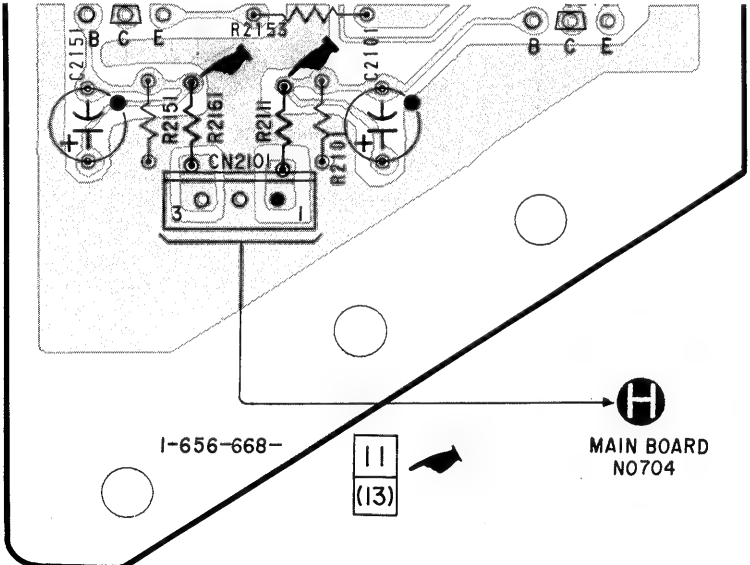
	COMPLETE MD BOARD : A-2007-131-A	COMPLETE MD BOARD : A-2007-435-A
TCM-220WR2	○	○
TCM-220WR2E	X	○

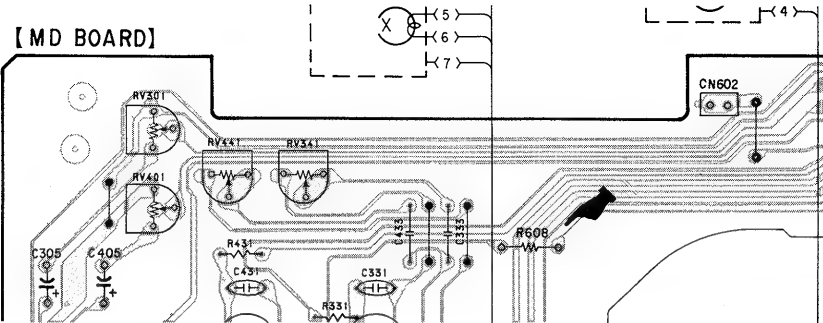
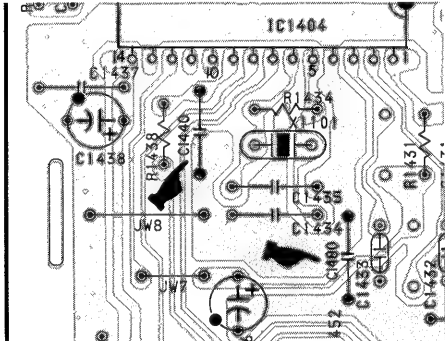
Discriminate (Mechanism deck)



5. BOARD CHANGED

 : indicates corrected portion.

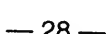
Page	NEW
33	<p>[DBFB BOARD] Location A-D, 1-5</p> <p>[DBFB BOARD]</p> 
35	<p>[DBFB BOARD] Location E-F, 1-4</p>  <p>I-656-668-</p> <p>MAIN BOARD NO. 704</p>

Page	NEW
43	<p data-bbox="245 239 623 268">[MD BOARD] Location E-F, 3-5</p>  <p data-bbox="1146 617 1252 642">1-650-671-</p>
45	<div data-bbox="245 686 704 716" data-label="Text"> <p>[KEY CON BOARD] Location D-E, 1-3</p> </div> <div data-bbox="894 686 1305 716" data-label="Text"> <p>[MIC BOARD] Location E-F, 10-11</p> </div> <div data-bbox="285 758 727 1100" data-label="Diagram">  </div> <div data-bbox="623 1108 727 1134" data-label="Text"> <p>1-654-622-</p> </div> <div data-bbox="743 1079 776 1121" data-label="Text"> <p>11 (15)</p> </div> <div data-bbox="976 737 1325 1213" data-label="Diagram"> </div>

— 22 —

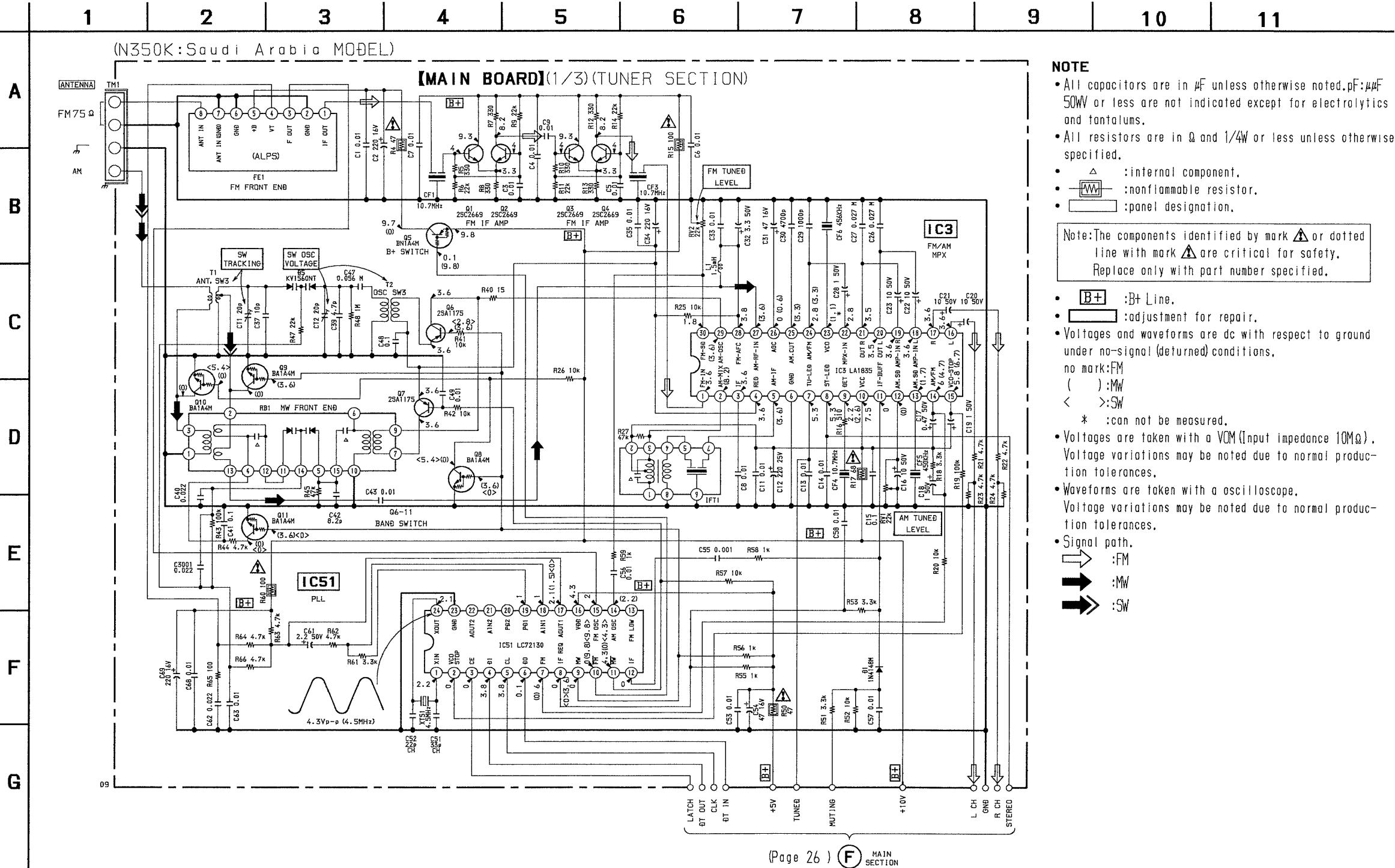
— 23 —

— 24 —

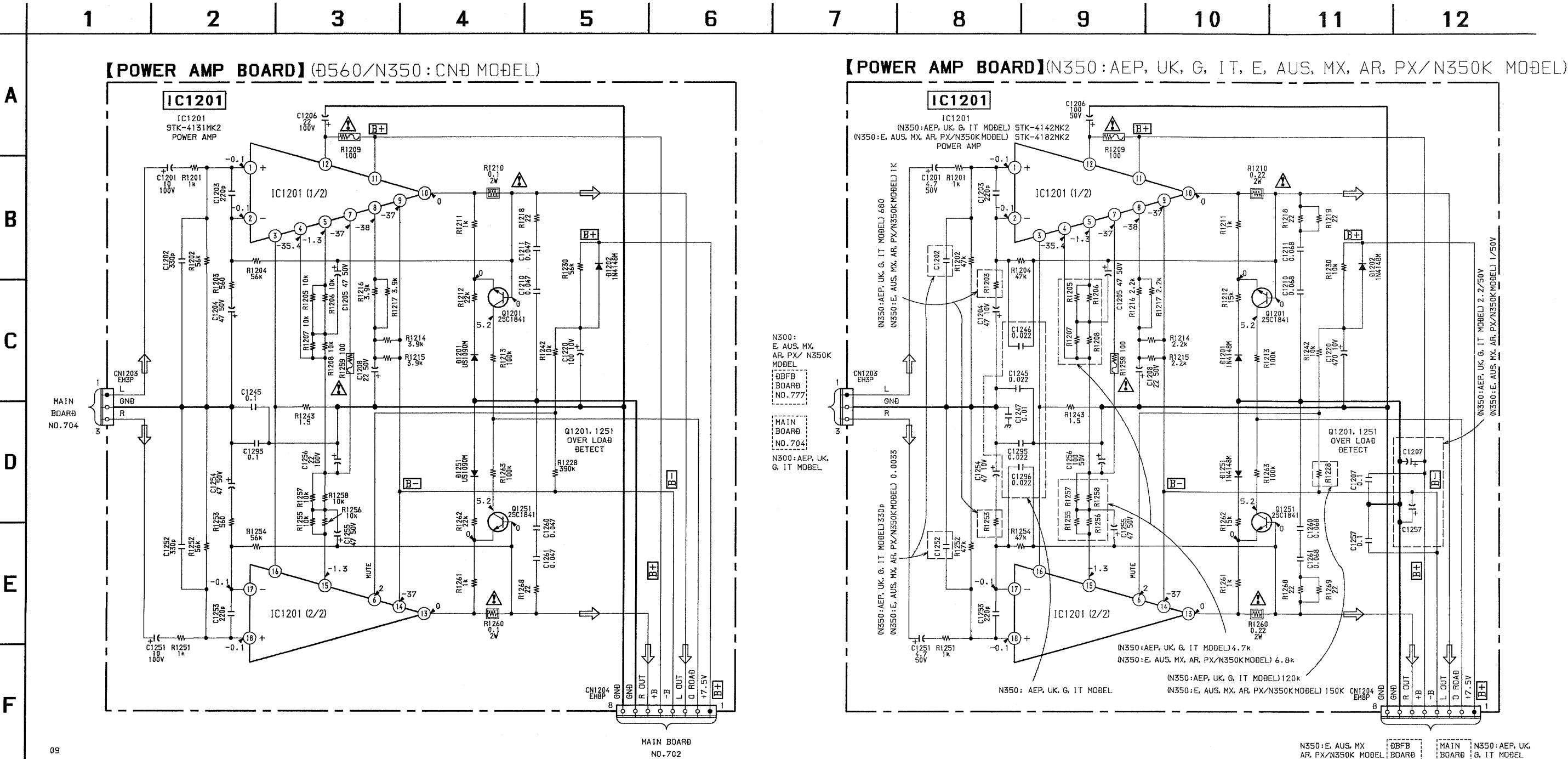




SCHEMATIC DIAGRAM — TUNER SECTION —

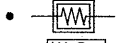
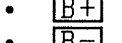


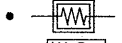
SCHEMATIC DIAGRAM — POWER AMP SECTION —

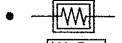
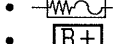
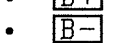
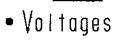
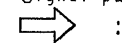


NOTE

- All capacitors are in μF unless otherwise noted, pF : μF 50W or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and $1/4\text{W}$ or less unless otherwise specified.

Note: The components identified by mark  or dotted line with mark  are critical for safety. Replace only with part number specified.

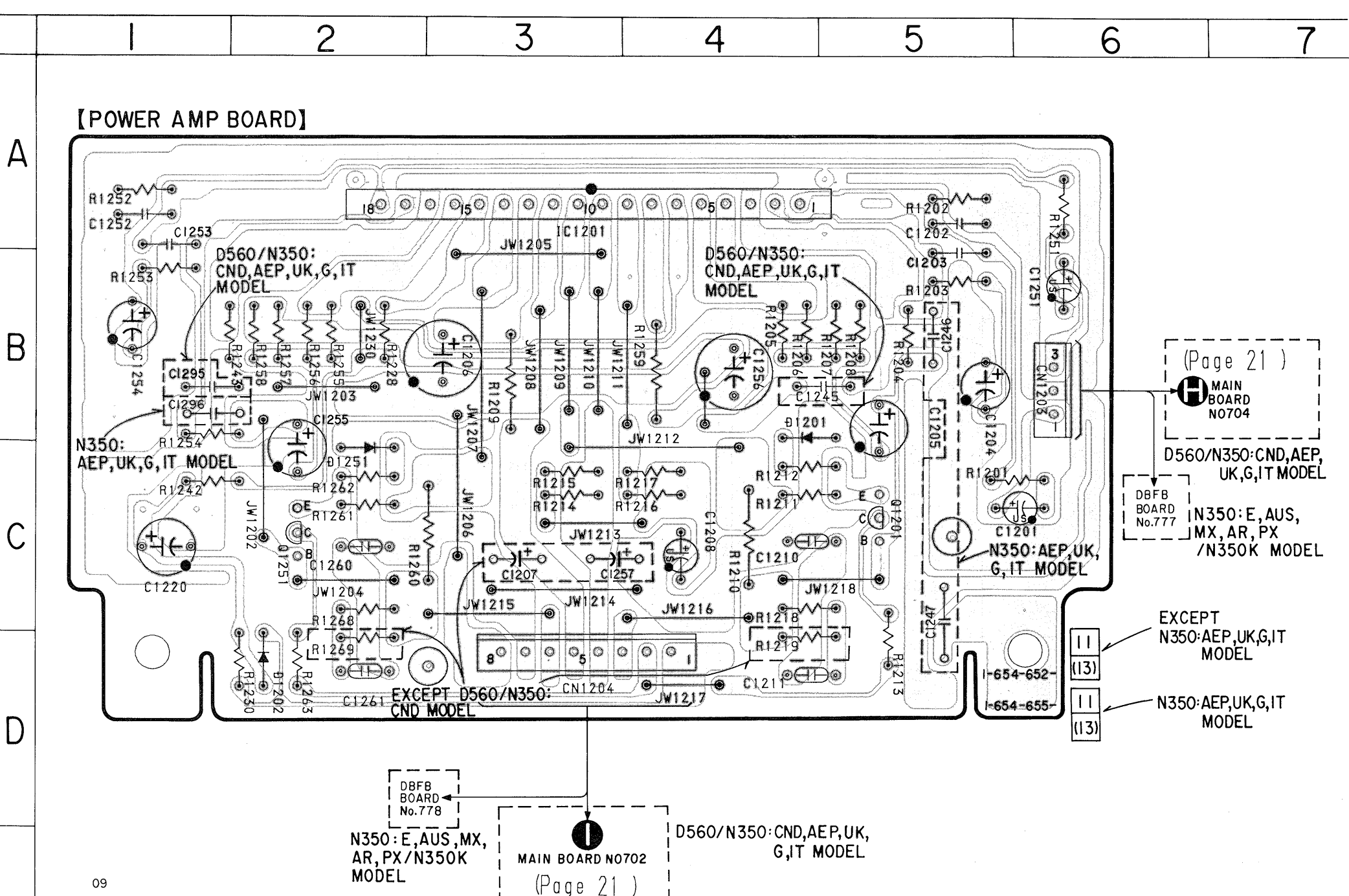
Les composants identifiés par une marque  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

-  : nonflammable resistor.
-  : fusible resistor.
-  : B+ Line.
-  : B- Line.
- Voltages and waveforms are dc with respect to ground under no-signal (detuned) conditions, no mark: FM.
- Voltages are taken with a VOM (Input impedance $10\text{M}\Omega$). Voltage variations may be noted due to normal production tolerances.
- Signal path.
-  : FM.


Abbreviation

CND: Canadian model.
G : German model.
IT : Italian model.
AUS: Australian model.
MX : Mexican model.
AR : Argentine model.

PRINTED WIRING BOARD — POWER AMP SECTION —



NOTE

-  : parts extracted from the component side.
-  : Pattern from the side which enable seeing.
- Abbreviation
- CND : Canadian model.
- G : German model.
- IT : Italian model.
- MX : Mexican model.
- AUS : Australian model.
- AR : Argentine model.

• Semiconductor Location

Ref. No.	Location
D1201	B-4
D1202	D-2
D1251	C-2
IC1201	A-3
Q1201	C-5
Q1251	C-2

ELECTRICAL PARTS LIST

NOTE:

The components identified by mark Δ or dotted line with mark Δ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque Δ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

When indicating parts by reference number, please include the board name.

• Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.

• Items marked “*” are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

RESISTORS

All resistors are in ohms

METAL: Metal-film resistor

METAL OXIDE: Metal Oxide-film resistor

F : nonflammable

SEMICONDUCTORS

In each case, u: μ , for example:

uA...: μ A..., uPA...: μ PA..., uPB...: μ PB...,

uPC...: μ PC..., uPD...: μ PD...

CAPACITORS

uF : μ F

COILS

uH : μ H

Abbreviation

CND : Canadian model

G : German model

IT : Italian model

EA : Saudi Arabia model

MX : Mexican model

SP : Singapore model

MY : Malaysia model

AUS : Australian model

AR : Argentine model

E2 : E model with power source
for PS-LX56P

E3 : E model without power source
for PS-LX56P

AEP1 : AEP model without power source
for PS-LX56P

AEP2 : AEP model with power source
for PS-LX56P

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
*	A-4377-060-A	MAIN BOARD, COMPLETE (N350:AEP2,UK) *****		C12	1-126-934-11	ELECT 220uF 20% 16V	
*	A-4377-087-A	MAIN BOARD, COMPLETE (D560/N350:CND) *****		C13	1-162-306-11	CERAMIC 0.01uF 30% 16V	
*	A-4377-101-A	MAIN BOARD, COMPLETE (N350:E2) *****		C14	1-162-306-11	CERAMIC 0.01uF 30% 16V	
*	A-4377-123-A	MAIN BOARD, COMPLETE (N350K:E3, MY, SP) *****		C15	1-164-159-11	CERAMIC 0.1uF 50V	
*	A-4377-475-A	MAIN BOARD, COMPLETE (N350K:EA) *****		C16	1-124-906-11	ELECT 4.7uF 20% 50V (N350:AEP, UK)	
*	A-4377-625-A	MAIN BOARD, COMPLETE (N350:E3, MX, AR, PX) *****		C16	1-124-907-11	ELECT 10uF 20% 50V (EXCEPT N350:AEP, UK)	
*	A-4377-627-A	MAIN BOARD, COMPLETE (N350:AUS) *****		C17	1-124-902-00	ELECT 0.47uF 20% 50V	
*	A-4377-629-A	MAIN BOARD, COMPLETE (N350:AEP1) *****		C18	1-124-903-11	ELECT 1uF 20% 50V	
*	A-4377-809-A	MAIN BOARD, COMPLETE (N350:G) *****		C19	1-124-903-11	ELECT 1uF 20% 50V	
*	A-4377-812-A	MAIN BOARD, COMPLETE (N350:IT) *****		C20	1-124-907-11	ELECT 10uF 20% 50V	
< CAPACITOR >				C21	1-124-907-11	ELECT 10uF 20% 50V	
C1	1-162-306-11	CERAMIC 0.01uF 30% 16V		C22	1-124-907-11	ELECT 10uF 20% 50V	
C2	1-126-934-11	ELECT 220uF 20% 16V		C23	1-124-907-11	ELECT 10uF 20% 50V	
C3	1-162-306-11	CERAMIC 0.01uF 30% 16V		C24	1-137-436-11	FILM 0.0039uF 5% 50V (D560/N350:CND, AEP, UK, G, IT)	
C4	1-162-306-11	CERAMIC 0.01uF 30% 16V		C25	1-137-436-11	FILM 0.0039uF 5% 50V (D560/N350:CND, AEP, UK, G, IT)	
C5	1-162-306-11	CERAMIC 0.01uF 30% 16V		C26	1-136-158-00	FILM 0.027uF 5% 50V (N350:AEP, UK, E, AUS, MX, AR, PX/N350K)	
C6	1-162-306-11	CERAMIC 0.01uF 30% 16V		C26	1-136-160-00	FILM 0.039uF 5% 50V (D560/N350:CND, G, IT)	
C7	1-162-306-11	CERAMIC 0.01uF 30% 16V		C27	1-136-158-00	FILM 0.027uF 5% 50V (N350:AEP, UK, E, AUS, MX, AR, PX/N350K)	
C8	1-162-306-11	CERAMIC 0.01uF 30% 16V		C27	1-136-160-00	FILM 0.039uF 5% 50V (D560/N350:CND, G, IT)	
C9	1-101-004-00	CERAMIC 0.01uF 30% 16V		C28	1-124-903-11	ELECT 1uF 20% 50V	
C11	1-162-306-11	CERAMIC 0.01uF 30% 16V (D560/N350:CND, E, AUS, MX, AR, PX/N350K)		C29	1-162-294-31	CERAMIC 0.001uF 10% 50V	
				C30	1-162-600-11	CERAMIC 0.0047uF 30% 16V	
				C31	1-104-664-11	ELECT 47uF 20% 25V	
				C32	1-126-962-11	ELECT 3.3uF 20% 50V	
				C33	1-162-306-11	CERAMIC 0.01uF 30% 16V	
				C34	1-126-934-11	ELECT 220uF 20% 16V	
				C35	1-162-306-11	CERAMIC 0.01uF 30% 16V	
				C37	1-162-199-31	CERAMIC 10PF 5% 50V (N350K:EA)	
				C38	1-162-211-31	CERAMIC 33PF 5% 50V (N350:G, IT)	
				C39	1-162-195-31	CERAMIC 4.7PF 10% 50V (N350K:EA)	

MAIN

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
C40	1-101-005-00	CERAMIC	22000PF 50V	C802	1-162-290-31	CERAMIC	470PF 10% 50V
C41	1-164-159-11	CERAMIC	0.1uF 50V (N350:AEP, UK/N350K:EA)	C803	1-137-399-11	FILM	0.1uF 5% 50V (D560/N350:CND, AEP, UK, G, IT)
C42	1-162-196-31	CERAMIC	5.6PF 10% 50V (N350:AEP, UK)	C805	1-124-903-11	ELECT	1uF 20% 50V
C42	1-162-198-31	CERAMIC	8.2PF 10% 50V (D560/N350:CND, E, AUS, MX, AR, PX, G, IT/N350K)	C806	1-124-902-00	ELECT	0.47uF 20% 50V
C43	1-162-306-11	CERAMIC	0.01uF 30% 16V	C807	1-124-907-11	ELECT	10uF 20% 50V
C44	1-102-120-00	CERAMIC	0.0018uF 10% 50V (N350:AEP, UK)	C810	1-124-907-11	ELECT	10uF 20% 50V
C45	1-162-301-11	CERAMIC	0.0015uF 30% 16V (N350:AEP, UK)	C811	1-124-903-11	ELECT	1uF 20% 50V
C46	1-101-005-00	CERAMIC	22000PF 50V (N350:AEP, UK)	C812	1-124-443-00	ELECT	100uF 20% 10V
C47	1-136-162-00	FILM	0.056uF 5% 50V (N350K:EA)	C901	1-164-159-11	CERAMIC	0.1uF 50V
C48	1-164-159-11	CERAMIC	0.1uF 50V (N350K:EA)	C902	1-164-159-11	CERAMIC	0.1uF 50V
C49	1-162-306-11	CERAMIC	0.01uF 30% 16V (N350K:EA)	C903	1-164-159-11	CERAMIC	0.1uF 50V
C51	1-102-518-11	CERAMIC	33PF 5% 50V	C906	1-104-665-11	ELECT	100uF 20% 16V
C52	1-102-514-11	CERAMIC	22PF 5% 50V	C1001	1-162-288-31	CERAMIC	330PF 10% 50V (N350:AEP, UK, G, IT)
C53	1-162-306-11	CERAMIC	0.01uF 30% 16V	C1003	1-162-282-31	CERAMIC	100PF 10% 50V
C54	1-104-664-11	ELECT	47uF 20% 25V	C1004	1-162-282-31	CERAMIC	100PF 10% 50V
C55	1-162-294-31	CERAMIC	0.001uF 30% 16V	C1005	1-126-963-11	ELECT	4.7uF 20% 100V
C56	1-162-306-11	CERAMIC	0.01uF 30% 16V	C1006	1-162-600-11	CERAMIC	0.0047uF 30% 16V
C57	1-162-306-11	CERAMIC	0.01uF 30% 16V	C1007	1-162-301-11	CERAMIC	0.0015uF 30% 16V
C58	1-162-306-11	CERAMIC	0.01uF 30% 16V	C1008	1-124-902-00	ELECT	0.47uF 20% 50V
C61	1-126-961-11	ELECT	2.2uF 20% 100V	C1009	1-104-664-11	ELECT	47uF 20% 25V (N350:AEP, UK, G, IT)
C62	1-161-494-00	CERAMIC	0.022uF 25V (D560/N350:CND, E, AUS, MY, AR, PX/N350K)	C1010	1-162-306-11	CERAMIC	0.01uF 30% 16V
C62	1-164-159-11	CERAMIC	0.1uF 50V (N350:AEP, UK, G, IT)	C1021	1-162-286-31	CERAMIC	220PF 10% 50V (N350:AEP, UK, G, IT)
C63	1-162-306-11	CERAMIC	0.01uF 30% 16V	C1033	1-124-907-11	ELECT	10uF 20% 50V
C68	1-162-306-11	CERAMIC	0.01uF 30% 16V	C1034	1-124-907-11	ELECT	10uF 20% 50V
C69	1-126-934-11	ELECT	220uF 20% 16V	C1051	1-162-288-31	CERAMIC	330PF 10% 50V (N350:AEP, UK, G, IT)
C71	1-136-173-00	FILM	0.47uF 5% 50V (N350:AEP, UK)	C1053	1-162-282-31	CERAMIC	100PF 10% 50V
C72	1-161-494-00	CERAMIC	0.022uF 25V (N350:AEP, UK)	C1054	1-162-282-31	CERAMIC	100PF 10% 50V
C73	1-161-494-00	CERAMIC	0.022uF 25V (N350:AEP, UK)	C1055	1-126-963-11	ELECT	4.7uF 20% 100V
C701	1-137-368-11	FILM	0.0047uF 5% 50V	C1056	1-162-600-11	CERAMIC	0.0047uF 30% 16V
C702	1-162-290-31	CERAMIC	470PF 10% 50V	C1057	1-162-301-11	CERAMIC	0.0015uF 30% 16V
C703	1-137-399-11	FILM	0.1uF 5% 50V (D560/N350:CND, AEP, UK, G, IT)	C1058	1-124-902-00	ELECT	0.47uF 20% 50V
C705	1-124-903-11	ELECT	1uF 20% 50V	C1059	1-104-664-11	ELECT	47uF 20% 25V (N350:AEP, UK, G, IT)
C706	1-124-902-00	ELECT	0.47uF 20% 50V	C1059	1-162-306-11	CERAMIC	0.01uF 30% 16V (N350K)
C707	1-124-907-11	ELECT	10uF 20% 50V	C1060	1-162-306-11	CERAMIC	0.01uF 30% 16V
C710	1-124-907-11	ELECT	10uF 20% 50V	C1071	1-162-286-31	CERAMIC	220PF 10% 50V (N350:AEP, UK, G, IT)
C711	1-124-903-11	ELECT	1uF 20% 50V	C1101	1-137-440-11	FILM	0.018uF 5% 50V
C712	1-124-443-00	ELECT	100uF 20% 10V	C1102	1-124-903-11	ELECT	1uF 20% 50V
C801	1-137-368-11	FILM	0.0047uF 5% 50V	C1103	1-162-302-11	CERAMIC	0.0022uF 30% 16V
				C1104	1-137-443-11	FILM	0.056uF 5% 50V
				C1105	1-162-600-11	CERAMIC	0.0047uF 30% 16V
				C1106	1-136-171-00	FILM	0.33uF 5% 50V
				C1107	1-136-167-00	FILM	0.15uF 5% 50V
				C1131	1-124-907-11	ELECT	10uF 20% 50V

Ref. No.	Part No.	Description	Remark			Ref. No.	Part No.	Description	Remark		
C1133	1-162-306-11	CERAMIC	0.01uF	30%	16V (D560/N350)	C1321	1-124-122-11	ELECT	100uF	20%	50V
C1133	1-164-159-11	CERAMIC	0.1uF		50V (N350K)	C1322	1-124-122-11	ELECT	100uF	20%	50V
C1151	1-137-440-11	FILM	0.018uF	5%	50V	C1326	1-124-907-11	ELECT	10uF	20%	50V
C1152	1-124-903-11	ELECT	1uF	20%	50V	C1327	1-124-907-11	ELECT	10uF	20%	50V
C1153	1-162-302-11	CERAMIC	0.0022uF	30%	16V	C1331	1-136-165-00	FILM	0.1uF	5%	50V
C1154	1-137-443-11	FILM	0.056uF	5%	50V	C1332	1-136-165-00	FILM	0.1uF	5%	50V
C1155	1-162-600-11	CERAMIC	0.0047uF	30%	16V	C1333	1-126-946-11	ELECT	6800uF	20%	25V
C1156	1-136-171-00	FILM	0.33uF	5%	50V	C1334	1-124-636-00	ELECT	3300uF	20%	25V
C1157	1-136-167-00	FILM	0.15uF	5%	50V	C1341	1-124-907-11	ELECT	10uF	20%	50V
C1159	1-162-306-11	CERAMIC	0.01uF	30%	16V (N350K)	C1342	1-124-902-00	ELECT	0.47uF	20%	50V
C1161	1-164-159-11	CERAMIC	0.1uF		50V	C1343	1-124-903-11	ELECT	1uF	20%	50V
C1181	1-124-907-11	ELECT	10uF	20%	50V	C1344	1-162-306-11	CERAMIC	0.01uF	30%	16V
C1182	1-104-666-11	ELECT	220uF	20%	10V	C1346	1-124-907-11	ELECT	10uF	20%	50V
C1183	1-162-306-11	CERAMIC	0.01uF	30%	16V	C1361	1-104-666-11	ELECT	220uF	20%	10V
C1191	1-124-443-00	ELECT	100uF	20%	10V (N350K)	C1362	1-104-666-11	ELECT	220uF	20%	10V
C1191	1-124-907-11	ELECT	10uF	20%	50V (D560/N350)	C1365	1-126-925-11	ELECT	470uF	20%	10V
C1221	1-124-443-00	ELECT	100uF	20%	10V	C1371	1-104-664-11	ELECT	47uF	20%	25V (N350:AEP2, UK, E2)
C1222	1-104-666-11	ELECT	220uF	20%	10V (EXCEPT D560/N350:CND)	C1381	1-126-937-11	ELECT	4700uF	20%	16V
C1222	1-126-968-11	ELECT	100uF	20%	6.3V (D560/N350:CND)	C1501	1-124-471-00	ELECT	1000uF	20%	6.3V
C1223	1-104-666-11	ELECT	220uF	20%	10V	C1503	1-162-294-31	CERAMIC	0.001uF	10%	50V
C1224	1-126-961-11	ELECT	2.2uF	20%	100V	C1504	1-104-664-11	ELECT	47uF	20%	25V
C1248	1-137-375-11	FILM	0.068uF	5%	50V (N350:AEP, UK, G, IT)	C1506	1-136-171-00	FILM	0.33uF	5%	50V
C1249	1-137-375-11	FILM	0.068uF	5%	50V (N350:AEP, UK, G, IT)	C1507	1-126-963-11	ELECT	4.7uF	20%	50V
C1250	1-162-294-31	CERAMIC	0.001uF	10%	50V (N350:AEP, UK, G, IT)	C1511	1-102-958-00	CERAMIC	20PF	5%	50V
C1298	1-137-375-11	FILM	0.068uF	5%	50V (N350:AEP, UK, G, IT)	C1512	1-102-958-00	CERAMIC	20PF	5%	50V
C1299	1-137-375-11	FILM	0.068uF	5%	50V (N350:AEP, UK, G, IT)	C1515	1-162-290-31	CERAMIC	470PF	10%	50V
C1300	1-162-294-31	CERAMIC	0.001uF	10%	50V (N350:AEP, UK, G, IT)	C1521	1-162-215-31	CERAMIC	47PF	5%	50V
C1301	1-136-169-00	FILM	0.22uF	5%	50V	C1522	1-162-215-31	CERAMIC	47PF	5%	50V
C1302	1-136-169-00	FILM	0.22uF	5%	50V	C1523	1-162-215-31	CERAMIC	47PF	5%	50V
C1303	1-126-974-11	ELECT	3300uF	20%	50V (N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)	C1524	1-162-215-31	CERAMIC	47PF	5%	50V
C1303	1-128-493-11	ELECT	4700uF	20%	71V (D560/N350:CND)	C1525	1-162-215-31	CERAMIC	47PF	5%	50V
C1304	1-126-974-11	ELECT	3300uF	20%	50V (N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)	C1801	1-124-907-11	ELECT	10uF	20%	50V
C1304	1-128-493-11	ELECT	4700uF	20%	71V (D560/N350:CND)	C1802	1-162-306-11	CERAMIC	0.01uF	30%	16V
C1305	1-126-972-11	ELECT	1000uF	20%	35V	C1803	1-126-961-11	ELECT	2.2uF	20%	50V
C1306	1-104-664-11	ELECT	47uF	20%	25V	C3001	1-161-494-00	CERAMIC	0.022uF		25V
C1307	1-104-664-11	ELECT	47uF	20%	25V	< FILTER >					
						CF1	1-567-389-11	FILTER, CERAMIC (10.7MHz)			
						CF2	1-760-393-11	FILTER, CERAMIC (10.7MHz)			
											(N350:AEP, UK, G, IT)
						CF3	1-567-389-11	FILTER, CERAMIC (10.7MHz)			
											(D560/N350:CND, E, AUS, MX, AR, PX/N350K)
						CF3	1-760-393-11	FILTER, CERAMIC (10.7MHz)			
											(N350:AEP, UK, G, IT)
						CF4	1-760-220-11	FILTER, CERAMIC (10.7MHz)			
						CF5	1-527-981-00	FILTER, CERAMIC (450kHz)			
						CF6	1-577-075-11	OSCILLATOR, CERAMIC (456kHz)			

MAIN

Ref. No.	Part No.	Description	Remark
< CONNECTOR >			
CN901	1-568-838-11	SOCKET, CONNECTOR 21P	
* CN902	1-568-830-11	SOCKET, CONNECTOR 11P	
* CN903	1-560-061-00	PIN, CONNECTOR 3P	
* CN1003	1-568-955-11	PIN, CONNECTOR 6P (N350K)	
* CN1006	1-568-834-11	SOCKET, CONNECTOR 15P (N350K)	
* CN1301	1-564-512-11	PLUG, CONNECTOR 9P	
* CN1302	1-564-509-11	PLUG, CONNECTOR 6P	
* CN1371	1-566-210-11	PIN, CONNECTOR 3P (N350:AEP2, UK, E2)	
* CN1501	1-568-834-11	SOCKET, CONNECTOR 15P	
CN1751	1-770-064-11	CONNECTOR, FFC/FPC 29P	
< TRIMMER >			
CT1	1-141-227-00	CAP, TRIMMER 20PF (N350K:EA)	
CT2	1-141-227-00	CAP, TRIMMER 20PF (N350K:EA)	
< DIODE >			
D1	8-719-987-63	DIODE 1N4148M	
D5	8-719-976-30	DIODE KV1560N (N350K:EA)	
D901	8-719-933-54	DIODE HZS9A2L	
D1131	8-719-200-82	DIODE 11ES2	
D1204	8-719-815-85	DIODE 1S1585 (D560/N350:CND)	
D1204	8-719-987-63	DIODE 1N4148M (N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)	
D1205	8-719-815-85	DIODE 1S1585 (D560/N350:CND)	
D1205	8-719-987-63	DIODE 1N4148M (N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)	
D1303	8-719-028-23	DIODE D3SBA20-4101 (N350:AEP, UK, G, IT)	
D1303	8-719-510-68	DIODE D5SBA20F01 (D560/N350:CND, E, AUS, MX, AR, PX/N350K)	
D1306	8-719-001-42	DIODE UZL-11M1	
D1309	8-719-815-85	DIODE 1S1585 (D560/N350:CND)	
D1309	8-719-987-63	DIODE 1N4148M (N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)	
D1310	8-719-815-85	DIODE 1S1585 (D560/N350:CND)	
D1310	8-719-987-63	DIODE 1N4148M (N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)	
D1311	8-719-024-99	DIODE 11ES2-NTA2B	
D1321	8-719-024-99	DIODE 11ES2-NTA2B	
D1322	8-719-024-99	DIODE 11ES2-NTA2B	
D1323	8-719-934-18	LED HZS27-2L	
D1331	8-719-024-99	DIODE 11ES2-NTA2B	
D1332	8-719-024-99	DIODE 11ES2-NTA2B	
D1333	8-719-024-99	DIODE 11ES2-NTA2B	
D1334	8-719-024-99	DIODE 11ES2-NTA2B	
D1341	8-719-987-63	DIODE 1N4148M	
D1361	8-719-987-63	DIODE 1N4148M	
D1362	8-719-987-63	DIODE 1N4148M	
D1363	8-719-024-99	DIODE 11ES2-NTA2B	
D1364	8-719-024-99	DIODE 11ES2-NTA2B	
D1371	8-719-024-99	DIODE 11ES2-NTA2B (N350:AEP2, UK, E2)	

Ref. No.	Part No.	Description	Remark
D1372	8-719-024-99	DIODE 11ES2-NTA2B (N350:AEP2, UK, E2)	
D1373	8-719-024-99	DIODE 11ES2-NTA2B (N350:AEP2, UK, E2)	
D1374	8-719-024-99	DIODE 11ES2-NTA2B (N350:AEP2, UK, E2)	
D1375	8-719-024-99	DIODE 11ES2-NTA2B	
D1376	8-719-024-99	DIODE 11ES2-NTA2B	
D1377	8-719-024-99	DIODE 11ES2-NTA2B	
D1378	8-719-024-99	DIODE 11ES2-NTA2B	
D1381	8-719-024-99	DIODE 11ES2-NTA2B	
D1382	8-719-024-99	DIODE 11ES2-NTA2B	
D1383	8-719-024-99	DIODE 11ES2-NTA2B	
D1501	8-719-024-99	DIODE 11ES2-NTA2B	
D1502	8-719-987-63	DIODE 1N4148M	
D1503	8-719-024-99	DIODE 11ES2-NTA2B	
D1521	8-719-987-63	DIODE 1N4148M	
D1525	8-719-987-63	DIODE 1N4148M	
D1751	8-719-987-63	DIODE 1N4148M	
< FRONTEND >			
FE1	1-693-090-51	FRONT END (FM) (2 GANG) (D560/N350:CND, E, AUX, AR, PX/N350K)	
FE1	1-693-217-11	FRONT END (4 GANG) (N350:AEP, UK, G, IT)	
< IC >			
IC1	8-759-200-60	IC TA7060AP (N350:AEP, UK, G, IT)	
IC2	8-759-200-60	IC TA7060AP (N350:AEP, UK, G, IT)	
IC3	8-759-176-03	IC LA1835	
IC51	8-759-288-54	IC LC72130	
IC901	8-759-289-38	IC HA12195NT (D560/N350:CND, AEP, UK, G, IT)	
IC901	8-759-289-39	IC HA12196NT (N350:E, AUS, MX, AR, PX/N350K)	
IC902	8-759-822-09	IC LB1641	
IC1001	8-759-634-51	IC M5218AP	
IC1002	8-759-000-48	IC MC14052BCP	
IC1003	8-759-140-53	IC uPD4053BC	
IC1051	8-759-354-84	IC TMP87CP64F-6298	
IC1052	8-759-269-92	IC SN74HCU04ANS-E20	
IC1101	8-759-291-98	IC M62423FP	
IC1131	8-759-281-42	IC TC9210P	
IC1202	8-759-111-68	IC uPC1237HA	
IC1341	8-759-820-13	IC L78MR06	
< IFT >			
IFT1	1-409-636-11	TRANSFORMER, IF (CERAMIC FILTER)	
< JACK >			
* J1001	1-580-912-11	JACK, PIN 4P	

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
< COIL >							
L1	1-407-500-00	INDUCTOR 4.7mH (N350:AEP, UK)		Q911	8-729-900-65	TRANSISTOR DTA144ES	
L1	1-410-688-31	INDUCTOR 1.5mH (D560/N350:CND, E, AUS, MX, AR, PX, G, IT/N350K)		Q912	8-729-900-65	TRANSISTOR DTA144ES	
L2	1-410-525-11	INDUCTOR 220uH (N350:AEP, UK)		Q1001	8-729-900-80	TRANSISTOR DTC114ES (D560/N350)	
L31	1-414-142-11	INDUCTOR 1uH (N350:G, IT)		Q1002	8-729-900-80	TRANSISTOR DTC114ES	
L1201	1-420-872-00	COIL, AIR-CORE		Q1003	8-729-900-80	TRANSISTOR DTC114ES (N350K)	
				Q1004	8-729-900-80	TRANSISTOR DTC114ES	
				Q1101	8-729-119-78	TRANSISTOR 2SC2785-HFE (D560/N350)	
L1251	1-420-872-00	COIL, AIR-CORE		Q1101	8-729-900-80	TRANSISTOR DTC114ES (N350K)	
L1501	1-410-509-11	INDUCTOR 10uH		Q1102	8-729-119-78	TRANSISTOR 2SC2785-HFE	
< FILTER >				Q1103	8-729-900-63	TRANSISTOR DTA124ES	
LPF1	1-239-597-11	FILTER, LOW PASS (D560/N350:CND, AEP, UK, G, IT)		Q1151	8-729-119-78	TRANSISTOR 2SC2785-HFE	
LPF2	1-239-597-11	FILTER, LOW PASS (D560/N350:CND, AEP, UK, G, IT)		Q1152	8-729-119-78	TRANSISTOR 2SC2785-HFE	
< TRANSISTOR >				Q1204	8-729-900-63	TRANSISTOR DTA124ES	
Q1	8-729-230-99	TRANSISTOR 2SC2669-OY (D560/N350:CND, E, AUS, MX, AR, PX/N350K)		Q1205	8-729-900-36	TRANSISTOR DTC124ES	
Q2	8-729-230-99	TRANSISTOR 2SC2669-OY (D560/N350:CND, E, AUS, MX, AR, PX/N350K)		Q1206	8-729-900-36	TRANSISTOR DTC124ES	
Q3	8-729-230-99	TRANSISTOR 2SC2669-OY (D560/N350:CND, E, AUS, MX, AR, PX/N350K)		Q1301	8-729-111-29	TRANSISTOR 2SD1616A-K	
Q4	8-729-230-99	TRANSISTOR 2SC2669-OY (D560/N350:CND, E, AUS, MX, AR, PX/N350K)		Q1303	8-729-900-36	TRANSISTOR DTC124ES	
Q5	8-729-422-57	TRANSISTOR UN4111		Q1321	8-729-118-00	TRANSISTOR 2SB1116-L	
Q6	8-729-119-76	TRANSISTOR 2SA1175-HFE (N350:AEP, UK/N350K:EA)		Q1322	8-729-118-00	TRANSISTOR 2SB1116-L	
Q7	8-729-119-76	TRANSISTOR 2SA1175-HFE (N350:AEP, UK/N350K:EA)		Q1361	8-729-118-00	TRANSISTOR 2SB1116-L	
Q8	8-729-900-80	TRANSISTOR DTC114ES (N350:AEP, UK/N350K:EA)		Q1362	8-729-900-36	TRANSISTOR DTC124ES	
Q9	8-729-900-80	TRANSISTOR DTC114ES (N350:AEP, UK/N350K:EA)		Q1501	8-729-119-78	TRANSISTOR 2SC2785-HFE	
Q10	8-729-900-80	TRANSISTOR DTC114ES (N350:AEP, UK/N350K:EA)		Q1511	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q11	8-729-900-80	TRANSISTOR DTC114ES (N350:AEP, UK/N350K:EA)		Q1801	8-729-119-78	TRANSISTOR 2SC2785-HFE	
Q701	8-729-119-78	TRANSISTOR 2SC2785-HFE		< RESISTOR >			
Q801	8-729-119-78	TRANSISTOR 2SC2785-HFE		R1	1-249-941-11	CARBON 330 5% 1/4W (N350:AEP, UK, G, IT)	
Q901	8-729-119-78	TRANSISTOR 2SC2785-HFE		R2	1-249-941-11	CARBON 330 5% 1/4W (N350:AEP, UK, G, IT)	
Q902	8-729-900-65	TRANSISTOR DTA144ES		△R4	1-249-401-11	CARBON 47 5% 1/4W F	
Q903	8-729-801-93	TRANSISTOR 2SD1387		R5	1-249-411-11	CARBON 330 5% 1/4W	
Q904	8-729-111-29	TRANSISTOR 2SD1616A-K (N350:AEP, UK, G, IT)		R6	1-249-433-11	CARBON 22K 5% 1/4W	
Q905	8-729-111-29	TRANSISTOR 2SD1616A-K (N350:AEP, UK, G, IT)		R7	1-249-411-11	CARBON 330 5% 1/4W	
Q906	8-729-900-80	TRANSISTOR DTC114ES		R8	1-249-411-11	CARBON 330 5% 1/4W F (D560/N350:CND, E, AUS, MX, AR, PX/N350K)	
Q907	8-729-422-57	TRANSISTOR UN4111		R9	1-249-433-11	CARBON 22K 5% 1/4W	
Q908	8-729-119-76	TRANSISTOR 2SA1175-HFE		R10	1-249-411-11	CARBON 330 5% 1/4W	
Q909	8-729-900-80	TRANSISTOR DTC114ES		R11	1-249-433-11	CARBON 22K 5% 1/4W	
Q910	8-729-900-65	TRANSISTOR DTA144ES		R12	1-249-411-11	CARBON 330 5% 1/4W	
				R13	1-249-411-11	CARBON 330 5% 1/4W (N350K:EA)	
				R14	1-249-433-11	CARBON 22K 5% 1/4W	
				△R15	1-249-405-11	CARBON 100 5% 1/4W F	
				R16	1-249-442-11	CARBON 510 5% 1/4W	
				△R17	1-249-403-11	CARBON 68 5% 1/4W F	
				R18	1-247-843-11	CARBON 3.3K 5% 1/4W	
				R19	1-249-441-11	CARBON 100K 5% 1/4W	
				R20	1-249-429-11	CARBON 10K 5% 1/4W	
				R21	1-249-425-11	CARBON 4.7K 5% 1/4W F	

The components identified by mark
△ or dotted line with mark △ are
critical for safety.
Replace only with part number
specified.

Les composants identifiés par une
marque △ sont critiques pour la
sécurité.
Ne les remplacer que par une pièce
portant le numéro spécifié.

MAIN

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
R22	1-249-425-11	CARBON	4.7K 5% 1/4W F	R75	1-249-425-11	CARBON	4.7K 5% 1/4W F (N350:AEP, UK)
R23	1-249-425-11	CARBON	4.7K 5% 1/4W F	R701	1-249-430-11	CARBON	12K 5% 1/4W
R24	1-249-425-11	CARBON	4.7K 5% 1/4W F	R702	1-249-431-11	CARBON	15K 5% 1/4W
R25	1-249-429-11	CARBON	10K 5% 1/4W	R703	1-215-451-00	METAL	18K 1% 1/4W (D560/N350:CND, AEP, UK, G, IT)
R26	1-249-429-11	CARBON	10K 5% 1/4W (N350:AEP, UK/N350K:EA)	R704	1-249-428-11	CARBON	8.2K 5% 1/4W F
R27	1-249-437-11	CARBON	47K 5% 1/4W	R705	1-249-425-11	CARBON	4.7K 5% 1/4W F
R40	1-249-395-11	CARBON	15 5% 1/4W F (N350K:EA)	R706	1-249-429-11	CARBON	10K 5% 1/4W
R40	1-249-399-11	CARBON	33 5% 1/4W F (D560/N350/N350K:E, MY, SP)	R707	1-249-429-11	CARBON	10K 5% 1/4W
R41	1-249-429-11	CARBON	10K 5% 1/4W (N350:AEP, UK/N350K:EA)	R708	1-249-429-11	CARBON	10K 5% 1/4W
R42	1-249-429-11	CARBON	10K 5% 1/4W (N350:AEP, UK/N350K:EA)	R709	1-249-429-11	CARBON	10K 5% 1/4W
R43	1-249-441-11	CARBON	100K 5% 1/4W	R710	1-249-429-11	CARBON	10K 5% 1/4W
R44	1-249-425-11	CARBON	4.7K 5% 1/4W F (N350:AEP, UK/N350K:EA)	R711	1-249-429-11	CARBON	10K 5% 1/4W
R45	1-249-437-11	CARBON	47K 5% 1/4W	R712	1-249-429-11	CARBON	10K 5% 1/4W (D560/N350:CND, AEP, UK, G, IT)
R46	1-247-903-00	CARBON	1M 5% 1/4W (N350:AEP, UK)	R713	1-249-429-11	CARBON	10K 5% 1/4W (D560/N350:CND, AEP, UK, G, IT)
R47	1-249-433-11	CARBON	22K 5% 1/4W (N350:AEP, UK/N350K:EA)	R714	1-249-420-11	CARBON	1.8K 5% 1/4W F
R48	1-249-437-11	CARBON	47K 5% 1/4W (N350:AEP, UK)	R715	1-249-433-11	CARBON	22K 5% 1/4W
R49	1-247-903-00	CARBON	1M 5% 1/4W (N350K:EA)	R716	1-249-421-11	CARBON	2.2K 5% 1/4W F
△R50	1-249-401-11	CARBON	47 5% 1/4W F	R717	1-249-428-11	CARBON	8.2K 5% 1/4W F
R51	1-247-843-11	CARBON	3.3K 5% 1/4W	R718	1-249-417-11	CARBON	1K 5% 1/4W F
R52	1-249-429-11	CARBON	10K 5% 1/4W	R801	1-249-430-11	CARBON	12K 5% 1/4W
R53	1-247-843-11	CARBON	3.3K 5% 1/4W	R802	1-249-431-11	CARBON	15K 5% 1/4W
R55	1-249-417-11	CARBON	1K 5% 1/4W F	R804	1-249-428-11	CARBON	8.2K 5% 1/4W F
R56	1-249-417-11	CARBON	1K 5% 1/4W F (N350:AEP, UK/N350K:EA)	R805	1-249-425-11	CARBON	4.7K 5% 1/4W F
R57	1-249-429-11	CARBON	10K 5% 1/4W (N350:AEP, UK/N350K:EA)	R806	1-247-882-11	CARBON	130K 5% 1/4W
R58	1-249-417-11	CARBON	1K 5% 1/4W F	R807	1-247-866-11	CARBON	30K 5% 1/4W
R59	1-249-417-11	CARBON	1K 5% 1/4W F	R808	1-247-864-11	CARBON	24K 5% 1/4W
△R60	1-249-405-11	CARBON	100 5% 1/4W F	R809	1-249-429-11	CARBON	10K 5% 1/4W (D560/N350:CND, AEP, UK, G, IT)
R61	1-247-843-11	CARBON	3.3K 5% 1/4W	R814	1-249-420-11	CARBON	1.8K 5% 1/4W F
R62	1-249-425-11	CARBON	4.7K 5% 1/4W F	R815	1-249-433-11	CARBON	22K 5% 1/4W
R63	1-249-425-11	CARBON	4.7K 5% 1/4W F	R816	1-249-421-11	CARBON	2.2K 5% 1/4W F
R64	1-249-425-11	CARBON	4.7K 5% 1/4W F	R817	1-249-428-11	CARBON	8.2K 5% 1/4W F
R65	1-247-807-31	CARBON	100 5% 1/4W	R818	1-249-417-11	CARBON	1K 5% 1/4W F
R66	1-249-425-11	CARBON	4.7K 5% 1/4W F	R901	1-249-425-11	CARBON	4.7K 5% 1/4W F
R71	1-247-843-11	CARBON	3.3K 5% 1/4W (N350:AEP, UK)	R902	1-249-425-11	CARBON	4.7K 5% 1/4W F
R72	1-249-433-11	CARBON	22K 5% 1/4W (N350:AEP, UK)	R903	1-249-425-11	CARBON	4.7K 5% 1/4W F
R73	1-249-425-11	CARBON	4.7K 5% 1/4W F (N350:AEP, UK)	R904	1-249-417-11	CARBON	1K 5% 1/4W F
R74	1-249-425-11	CARBON	4.7K 5% 1/4W F (N350:AEP, UK)	R905	1-249-437-11	CARBON	47K 5% 1/4W
				R906	1-249-437-11	CARBON	47K 5% 1/4W
				R907	1-249-437-11	CARBON	47K 5% 1/4W
				R908	1-249-437-11	CARBON	47K 5% 1/4W
				R914	1-249-433-11	CARBON	22K 5% 1/4W
				R915	1-249-433-11	CARBON	22K 5% 1/4W
				R916	1-249-411-11	CARBON	330 5% 1/4W
				R917	1-249-427-11	CARBON	6.8K 5% 1/4W F
				R918	1-249-429-11	CARBON	10K 5% 1/4W
				R920	1-249-429-11	CARBON	10K 5% 1/4W

The components identified by mark △ or dotted line with mark △ are critical for safety.
Replace only with part number specified.



Les composants identifiés par une marque △ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.


Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
R921	1-249-417-11	CARBON	1K 5% 1/4W F	R1100	1-249-441-11	CARBON	100K 5% 1/4W (N350:E, AUS, MX, AR, PX/N350K)
R922	1-249-417-11	CARBON	1K 5% 1/4W F (N350:AEP, UK, G, IT)	R1131	1-249-441-11	CARBON	100K 5% 1/4W
R923	1-249-417-11	CARBON	1K 5% 1/4W F (N350:AEP, UK, G, IT)	R1141	1-249-425-11	CARBON	4.7K 5% 1/4W F
R924	1-249-381-11	CARBON	1 5% 1/4W F (N350:AEP, UK, G, IT)	R1142	1-249-437-11	CARBON	47K 5% 1/4W
R925	1-249-381-11	CARBON	1 5% 1/4W F (N350:AEP, UK, G, IT)	R1143	1-249-433-11	CARBON	22K 5% 1/4W
R926	1-249-381-11	CARBON	1 5% 1/4W F (N350:AEP, UK, G, IT)	R1144	1-249-429-11	CARBON	10K 5% 1/4W
R1001	1-249-417-11	CARBON	1K 5% 1/4W F (N350:AEP, UK, G, IT)	R1145	1-249-433-11	CARBON	22K 5% 1/4W
R1002	1-249-417-11	CARBON	1K 5% 1/4W F	R1146	1-249-407-11	CARBON	150 5% 1/4W F
R1003	1-249-437-11	CARBON	47K 5% 1/4W	R1149	1-249-417-11	CARBON	1K 5% 1/4W (N350K)
R1004	1-249-416-11	CARBON	820 5% 1/4W F (D560/N350:CND, AEP, UK, G, IT)	R1150	1-249-439-11	CARBON	68K 5% 1/4W (D560/N350:CND, AEP, UK, G, IT)
R1004	1-249-419-11	CARBON	1.5K 5% 1/4W F (N350:E, AUS, MX, AR, PX/N350K)	R1150	1-249-441-11	CARBON	100K 5% 1/4W (N350:E, AUS, MX, AR, PX/N350K)
R1005	1-247-897-11	CARBON	560K 5% 1/4W	R1159	1-249-425-11	CARBON	4.7K 5% 1/4W (N350K)
R1006	1-249-437-11	CARBON	47K 5% 1/4W	R1181	1-249-441-11	CARBON	100K 5% 1/4W
R1007	1-249-422-11	CARBON	2.7K 5% 1/4W F	R1191	1-249-425-11	CARBON	4.7K 5% 1/4W F
R1008	1-249-427-11	CARBON	6.8K 5% 1/4W F	R1194	1-249-429-11	CARBON	10K 5% 1/4W
R1009	1-249-409-11	CARBON	220 5% 1/4W F (N350:AEP, UK, G, IT)	R1195	1-249-433-11	CARBON	22K 5% 1/4W
R1011	1-249-429-11	CARBON	10K 5% 1/4W	R1196	1-249-407-11	CARBON	150 5% 1/4W F
R1012	1-249-429-11	CARBON	10K 5% 1/4W	R1220	1-249-389-11	CARBON	4.7 5% 1/4W F
R1013	1-249-429-11	CARBON	10K 5% 1/4W	R1221	1-249-389-11	CARBON	4.7 5% 1/4W F
R1014	1-249-429-11	CARBON	10K 5% 1/4W	R1222	1-249-409-11	CARBON	220 5% 1/4W F (N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)
R1021	1-249-422-11	CARBON	2.7K 5% 1/4W F	R1222	1-249-413-11	CARBON	470 5% 1/4W (D560/N350:CND)
R1022	1-249-427-11	CARBON	6.8K 5% 1/4W F	R1223	1-249-409-11	CARBON	220 5% 1/4W F (N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)
R1049	1-249-441-11	CARBON	100K 5% 1/4W	R1223	1-249-413-11	CARBON	470 5% 1/4W (D560/N350:CND)
R1051	1-249-417-11	CARBON	1K 5% 1/4W F (N350:AEP, UK, G, IT)	△R1226	1-216-454-11	METAL OXIDE	390 5% 2W F (N350:AEP, UK, G, IT)
R1052	1-249-417-11	CARBON	1K 5% 1/4W F	△R1226	1-215-917-11	METAL OXIDE	1K 5% 3W F (D560/N350:CND)
R1053	1-249-437-11	CARBON	47K 5% 1/4W	△R1226	1-216-456-00	METAL OXIDE	820 5% 2W F (N350:E, AUS, MX, AR, PX/N350K)
R1054	1-249-416-11	CARBON	820 5% 1/4W F (D560/N350:CND, AEP, UK, G, IT)	R1233	1-247-854-11	CARBON	9.1K 5% 1/4W (D560/N350:CND)
R1054	1-249-419-11	CARBON	1.5K 5% 1/4W F (N350:E, AUS, MX, AR, PX/N350K)	R1233	1-249-425-11	CARBON	4.7K 5% 1/4W F (N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)
R1055	1-247-897-11	CARBON	560K 5% 1/4W	R1234	1-247-854-11	CARBON	9.1K 5% 1/4W (D560/N350:CND)
R1056	1-249-437-11	CARBON	47K 5% 1/4W	R1234	1-249-425-11	CARBON	4.7K 5% 1/4W F (N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)
R1057	1-249-422-11	CARBON	2.7K 5% 1/4W F	R1235	1-249-435-11	CARBON	33K 5% 1/4W (N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)
R1058	1-249-427-11	CARBON	6.8K 5% 1/4W F	R1235	1-249-437-11	CARBON	47K 5% 1/4W (D560/N350:CND)
R1059	1-249-409-11	CARBON	220 5% 1/4W F (N350:AEP, UK, G, IT)	R1236	1-249-441-11	CARBON	100K 5% 1/4W
R1059	1-249-425-11	CARBON	4.7K 5% 1/4W (N350K)	R1237	1-249-429-11	CARBON	10K 5% 1/4W
R1071	1-249-422-11	CARBON	2.7K 5% 1/4W F	R1240	1-249-438-11	CARBON	56K 5% 1/4W
R1072	1-249-427-11	CARBON	6.8K 5% 1/4W F	R1241	1-249-397-11	CARBON	22 5% 1/4W F
R1099	1-249-441-11	CARBON	100K 5% 1/4W	R1246	1-249-421-11	CARBON	2.2K 5% 1/4W F
R1100	1-249-439-11	CARBON	68K 5% 1/4W (D560/N350:CND, AEP, UK, G, IT)				

<p>The components identified by mark Δ or dotted line with mark Δ are critical for safety.</p> <p>Replace only with part number specified.</p>	<p>Les composants identifiés par une marque Δ sont critiques pour la sécurité.</p> <p>Ne les remplacer que par une pièce portant le numéro spécifié.</p>
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MAIN

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
R1248	1-249-389-11	CARBON	4.7 5% 1/4W F (N350:AEP, UK, G, IT)	R1529	1-249-431-11	CARBON	15K 5% 1/4W (N350:AUS/N350K:E3, MY, SP)
R1249	1-249-389-11	CARBON	4.7 5% 1/4W F (N350:AEP, UK, G, IT)	R1529	1-249-433-11	CARBON	22K 5% 1/4W (N350:E, MX, AR, PX)
R1270	1-249-389-11	CARBON	4.7 5% 1/4W F	R1530	1-247-843-11	CARBON	3.3K 5% 1/4W F (N350K)
R1271	1-249-389-11	CARBON	4.7 5% 1/4W F	R1530	1-249-429-11	CARBON	10K 5% 1/4W (N350:E, AUS, MX, AR, PX, G, IT)
R1272	1-249-409-11	CARBON	220 5% 1/4W F (N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)	R1530	1-249-433-11	CARBON	22K 5% 1/4W (N350:AEP, UK)
R1272	1-249-413-11	CARBON	470 5% 1/4W (D560/N350:CND)	R1531	1-249-429-11	CARBON	10K 5% 1/4W
R1273	1-249-409-11	CARBON	220 5% 1/4W F (N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)	R1533	1-249-429-11	CARBON	10K 5% 1/4W
R1273	1-249-413-11	CARBON	470 5% 1/4W (D560/N350:CND)	R1541	1-249-429-11	CARBON	10K 5% 1/4W
R1290	1-249-437-11	CARBON	47K 5% 1/4W	R1542	1-249-429-11	CARBON	10K 5% 1/4W
R1296	1-249-421-11	CARBON	2.2K 5% 1/4W F	R1543	1-249-429-11	CARBON	10K 5% 1/4W
R1298	1-249-389-11	CARBON	4.7 5% 1/4W F (N350:AEP, UK, G, IT)	R1544	1-249-429-11	CARBON	10K 5% 1/4W
R1299	1-249-389-11	CARBON	4.7 5% 1/4W F (N350:AEP, UK, G, IT)	R1545	1-249-429-11	CARBON	10K 5% 1/4W
R1303	1-249-425-11	CARBON	4.7K 5% 1/4W F	R1551	1-247-807-31	CARBON	100 5% 1/4W
R1304	1-249-425-11	CARBON	4.7K 5% 1/4W F	R1552	1-247-807-31	CARBON	100 5% 1/4W
R1311	1-249-421-11	CARBON	2.2K 5% 1/4W F	R1554	1-247-807-31	CARBON	100 5% 1/4W
R1316	1-249-393-11	CARBON	10 5% 1/4W F	R1555	1-247-807-31	CARBON	100 5% 1/4W
R1321	1-249-421-11	CARBON	2.2K 5% 1/4W F	R1556	1-247-807-31	CARBON	100 5% 1/4W
R1322	1-249-397-11	CARBON	22 5% 1/4W F	R1557	1-247-807-31	CARBON	100 5% 1/4W
R1323	1-249-397-11	CARBON	22 5% 1/4W F	R1561	1-247-807-31	CARBON	100 5% 1/4W (N350K)
R1341	1-249-417-11	CARBON	1K 5% 1/4W F	R1562	1-247-807-31	CARBON	100 5% 1/4W (N350K)
R1342	1-249-429-11	CARBON	10K 5% 1/4W	R1563	1-247-807-31	CARBON	100 5% 1/4W (N350K)
R1361	1-249-421-11	CARBON	2.2K 5% 1/4W F	R1564	1-247-807-31	CARBON	100 5% 1/4W (N350K)
R1362	1-249-421-11	CARBON	2.2K 5% 1/4W F	R1571	1-249-429-11	CARBON	10K 5% 1/4W
R1501	1-249-433-11	CARBON	22K 5% 1/4W	R1575	1-249-437-11	CARBON	47K 5% 1/4W
R1502	1-249-433-11	CARBON	22K 5% 1/4W	R1754	1-247-807-31	CARBON	100 5% 1/4W
R1503	1-249-433-11	CARBON	22K 5% 1/4W	R1755	1-249-429-11	CARBON	10K 5% 1/4W
R1511	1-249-429-11	CARBON	10K 5% 1/4W	R1756	1-247-807-31	CARBON	100 5% 1/4W
R1513	1-249-433-11	CARBON	22K 5% 1/4W (N350K)	R1757	1-247-807-31	CARBON	100 5% 1/4W
R1512	1-249-433-11	CARBON	22K 5% 1/4W	R1758	1-247-807-31	CARBON	100 5% 1/4W
R1520	1-249-433-11	CARBON	22K 5% 1/4W	R1759	1-249-417-11	CARBON	1K 5% 1/4W F
R1521	1-249-425-11	CARBON	4.7K 5% 1/4W F	R1760	1-247-807-31	CARBON	100 5% 1/4W
R1522	1-249-429-11	CARBON	10K 5% 1/4W (N350K:EA)	R1762	1-247-807-31	CARBON	100 5% 1/4W
R1522	1-249-433-11	CARBON	22K 5% 1/4W (EXCEPT N350K:EA)	R1764	1-247-807-31	CARBON	100 5% 1/4W
R1524	1-249-429-11	CARBON	10K 5% 1/4W	R1766	1-247-807-31	CARBON	100 5% 1/4W
R1525	1-249-429-11	CARBON	10K 5% 1/4W	R1767	1-247-807-31	CARBON	100 5% 1/4W
R1526	1-249-429-11	CARBON	10K 5% 1/4W	R1768	1-247-807-31	CARBON	100 5% 1/4W
R1527	1-249-429-11	CARBON	10K 5% 1/4W (N350K)	R1770	1-247-807-31	CARBON	100 5% 1/4W
R1528	1-249-429-11	CARBON	10K 5% 1/4W (N350K:E3, MY, SP)	R1801	1-249-437-11	CARBON	47K 5% 1/4W
R1529	1-249-429-11	CARBON	10K 5% 1/4W (N350:AEP, UK, G, IT/N350K:EA)	R1802	1-249-437-11	CARBON	47K 5% 1/4W
				R1803	1-249-421-11	CARBON	2.2K 5% 1/4W F
				R1804	1-247-895-00	CARBON	470K 5% 1/4W
				R1805	1-249-416-11	CARBON	820 5% 1/4W F
				R1806	1-247-895-00	CARBON	470K 5% 1/4W
				△R4001	1-217-639-00	FUSIBLE	2.2 5% 1/4W F (N350:E, AUS, MX, AR, PX/N350K)

The components identified by mark  or dotted line with mark  are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque  sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

POWER AMP

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POWER AMP

Ref. No.	Part No.	Description	Remark
C1251	1-124-667-11	ELECT 10uF 20% 100V (D560/N350:CND)	
C1251	1-126-963-11	ELECT 4.7uF 20% 50V (N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)	
C1252	1-162-288-31	CERAMIC 330PF 10% 50V (D560/N350:CND, AEP, UK, G, IT)	
C1252	1-162-303-11	CERAMIC 0.0033uF 20% 16V (N350:E, AUS, MX, AR, PX/N350K)	
C1253	1-162-286-31	CERAMIC 220PF 10% 50V	
C1254	1-104-664-11	ELECT 47uF 20% 10V (N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)	
C1254	1-124-910-11	ELECT 47uF 20% 50V (D560/N350:CND)	
C1255	1-124-910-11	ELECT 47uF 20% 50V	
C1256	1-124-122-11	ELECT 100uF 20% 50V (N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)	
C1256	1-124-929-11	ELECT 22uF 20% 100V (D560/N350:CND)	
C1257	1-124-903-11	ELECT 1uF 20% 50V (N350:E, AUS, MX, AR, PX/N350K)	
C1257	1-126-961-11	ELECT 2.2uF 20% 50V (N350:AEP, UK, G, IT)	
C1260	1-137-374-11	FILM 0.047uF 5% 50V (D560/N350:CND)	
C1260	1-137-375-11	FILM 0.068uF 5% 50V (N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)	
C1261	1-137-374-11	FILM 0.047uF 5% 50V (D560/N350:CND)	
C1261	1-137-375-11	FILM 0.068uF 5% 50V (N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)	
C1295	1-161-494-00	CERAMIC 0.022uF 25V (N350:AEP, UK, G, IT)	
C1295	1-164-159-11	CERAMIC 0.1uF 50V (D560/N350:CND)	
C1296	1-161-494-00	CERAMIC 0.022uF 25V (N350:AEP, UK, G, IT)	
< CONNECTOR >			
* CN1203	1-564-518-11	PLUG, CONNECTOR 3P	
CN1204	1-564-511-11	PLUG, CONNECTOR 8P	
< DIODE >			
D1201	8-719-815-85	DIODE 1S1585 (D560/N350:CND)	
D1201	8-719-987-63	DIODE 1N4148M (N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)	
D1202	8-719-987-63	DIODE 1N4148M	
D1251	8-719-815-85	DIODE 1S1585 (D560/N350:CND)	
D1251	8-719-987-63	DIODE 1N4148M (N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)	
< IC >			
IC1201	8-749-900-34	IC STK-4182MK2 (N350:E, AUS, MX, AR, PX/N350K)	

Ref. No.	Part No.	Description	Remark
IC1201	8-749-900-96	IC STK-4142MK2 (N350:AEP, UK, G, IT)	
IC1201	8-749-921-68	IC STK-4231MK2 (D560/N350:CND)	
< TRANSISTOR >			
Q1201	8-729-140-84	TRANSISTOR 2SC1841-PAFAEA	
Q1251	8-729-140-84	TRANSISTOR 2SC1841-PAFAEA	
< RESISTOR >			
R1201	1-249-417-11	CARBON 1K 5% 1/4W F	
R1202	1-249-437-11	CARBON 47K 5% 1/4W (N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)	
R1202	1-249-438-11	CARBON 56K 5% 1/4W (D560/N350:CND)	
R1203	1-249-414-11	CARBON 560 5% 1/4W F (D560/N350:CND)	
R1203	1-249-415-11	CARBON 680 5% 1/4W (N350:AEP, UK, G, IT)	
R1203	1-249-417-11	CARBON 1K 5% 1/4W (N350:E, AUS, MX, AR, PX/N350K)	
R1204	1-249-437-11	CARBON 47K 5% 1/4W (N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)	
R1204	1-249-438-11	CARBON 56K 5% 1/4W (D560/N350:CND)	
R1205	1-249-425-11	CARBON 4.7K 5% 1/4W F (N350:AEP, UK, G, IT)	
R1205	1-249-427-11	CARBON 6.8K 5% 1/4W F (N350:E, AUS, MX, AR, PX/N350K)	
R1205	1-249-429-11	CARBON 10K 5% 1/4W (D560/N350:CND)	
R1206	1-249-425-11	CARBON 4.7K 5% 1/4W F (N350:AEP, UK, G, IT)	
R1206	1-249-427-11	CARBON 6.8K 5% 1/4W F (N350:E, AUS, MX, AR, PX/N350K)	
R1206	1-249-429-11	CARBON 10K 5% 1/4W (D560/N350:CND)	
R1207	1-249-425-11	CARBON 4.7K 5% 1/4W F (N350:AEP, UK, G, IT)	
R1207	1-249-427-11	CARBON 6.8K 5% 1/4W F (N350:E, AUS, MX, AR, PX/N350K)	
R1207	1-249-429-11	CARBON 10K 5% 1/4W (D560/N350:CND)	
R1208	1-249-425-11	CARBON 4.7K 5% 1/4W F (N350:AEP, UK, G, IT)	
R1208	1-249-427-11	CARBON 6.8K 5% 1/4W F (N350:E, AUS, MX, AR, PX/N350K)	
R1208	1-249-429-11	CARBON 10K 5% 1/4W (D560/N350:CND)	
△R1209	1-212-881-11	FUSIBLE 100 5% 1/4W F	
△R1210	1-208-601-11	WIREWOUND 0.1 10% 2W F (D560/N350:CND)	
△R1210	1-208-602-11	WIREWOUND 0.22 10% 2W F (N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)	
R1211	1-249-417-11	CARBON 1K 5% 1/4W F	

The components identified by mark Δ or dotted line with mark Δ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque Δ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

POWER AMP

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
R1212	1-249-433-11	CARBON 22K 5% 1/4W (D560/N350:CND)		R1255	1-249-427-11	CARBON 6.8K 5% 1/4W F (N350:E, AUS, MX, AR, PX/N350K)	
R1212	1-249-431-11	CARBON 15K 5% 1/4W (N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)		R1255	1-249-429-11	CARBON 10K 5% 1/4W (D560/N350:CND)	
R1213	1-249-441-11	CARBON 100K 5% 1/4W		R1256	1-249-425-11	CARBON 4.7K 5% 1/4W F (N350:AEP, UK, G, IT)	
R1214	1-249-421-11	CARBON 2.2K 5% 1/4W F (N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)		R1256	1-249-427-11	CARBON 6.8K 5% 1/4W F (N350:E, AUS, MX, AR, PX/N350K)	
R1214	1-249-424-11	CARBON 3.9K 5% 1/4W F (D560/N350:CND)		R1256	1-249-429-11	CARBON 10K 5% 1/4W (D560/N350:CND)	
R1215	1-249-421-11	CARBON 2.2K 5% 1/4W F (N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)		R1257	1-249-425-11	CARBON 4.7K 5% 1/4W F (N350:AEP, UK, G, IT)	
R1215	1-249-424-11	CARBON 3.9K 5% 1/4W F (D560/N350:CND)		R1257	1-249-427-11	CARBON 6.8K 5% 1/4W F (N350:E, AUS, MX, AR, PX/N350K)	
R1216	1-249-421-11	CARBON 2.2K 5% 1/4W F (N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)		R1257	1-249-429-11	CARBON 10K 5% 1/4W (D560/N350:CND)	
R1216	1-249-424-11	CARBON 3.9K 5% 1/4W F (D560/N350:CND)		R1258	1-249-425-11	CARBON 4.7K 5% 1/4W F (N350:AEP, UK, G, IT)	
R1217	1-249-421-11	CARBON 2.2K 5% 1/4W F (N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)		R1258	1-249-427-11	CARBON 6.8K 5% 1/4W F (N350:E, AUS, MX, AR, PX/N350K)	
R1217	1-249-424-11	CARBON 3.9K 5% 1/4W F (D560/N350:CND)		R1258	1-249-429-11	CARBON 10K 5% 1/4W (D560/N350:CND)	
R1218	1-249-397-11	CARBON 22 5% 1/4W F		△R1259	1-212-881-11	FUSIBLE 100 5% 1/4W F	
R1219	1-249-397-11	CARBON 22 5% 1/4W F (N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)		△R1260	1-208-601-11	WIREWOUND 0.1 10% 2W F (D560/N350:CND)	
R1228	1-247-881-00	CARBON 120K 5% 1/4W (N350:AEP, UK, G, IT)		△R1260	1-208-602-11	WIREWOUND 0.22 10% 2W F (N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)	
R1228	1-247-883-00	CARBON 150K 5% 1/4W (N350:E, AUS, MX, AR, PX/N350K)		R1261	1-249-417-11	CARBON 1K 5% 1/4W F	
R1228	1-247-893-00	CARBON 390K 5% 1/4W (D560/N350:CND)		R1262	1-249-431-11	CARBON 15K 5% 1/4W (N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)	
R1230	1-249-429-11	CARBON 10K 5% 1/4W (N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)		R1262	1-249-433-11	CARBON 22K 5% 1/4W (D560/N350:CND)	
R1230	1-249-438-11	CARBON 56K 5% 1/4W (D560/N350:CND)		R1263	1-249-441-11	CARBON 100K 5% 1/4W	
R1242	1-249-429-11	CARBON 10K 5% 1/4W		R1268	1-249-397-11	CARBON 22 5% 1/4W F	
R1243	1-249-383-11	CARBON 1.5 5% 1/6W F		R1269	1-249-397-11	CARBON 22 5% 1/4W F (N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)	
R1251	1-249-417-11	CARBON 1K 5% 1/4W F		*****			
R1252	1-249-437-11	CARBON 47K 5% 1/4W (N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)					
R1252	1-249-438-11	CARBON 56K 5% 1/4W (D560/N350:CND)					
R1253	1-249-414-11	CARBON 560 5% 1/4W F (D560/N350:CND)					
R1253	1-249-415-11	CARBON 680 5% 1/4W (N350:AEP, UK, G, IT)					
R1253	1-249-417-11	CARBON 1K 5% 1/4W (N350:E, AUS, MX, AR, PX/N350K)					
R1254	1-249-437-11	CARBON 47K 5% 1/4W (N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)					
R1254	1-249-438-11	CARBON 56K 5% 1/4W (D560/N350:CND)					
R1255	1-249-425-11	CARBON 4.7K 5% 1/4W F (N350:AEP, UK, G, IT)					

The components identified by mark
△ or dotted line with mark △ are
critical for safety.
Replace only with part number
specified.

Les composants identifiés par une
marque △ sont critiques pour la
sécurité.
Ne les remplacer que par une pièce
portant le numéro spécifié.

SS-D560

SERVICE MANUAL

US Model
Canadian Model



Photo : L-CH

This set is the speaker system in
LBT-D560 and LBT-N350.

SPECIFICATIONS

Speaker system	3-way system
Dimensions	Approx. $270 \times 476 \times 235$ mm ($10 \frac{3}{4} \times 18 \frac{3}{4} \times 9 \frac{3}{8}$ inches) (w/h/d)
Mass	Approx. 5.4 kg (11 lb 15 oz) net per speaker

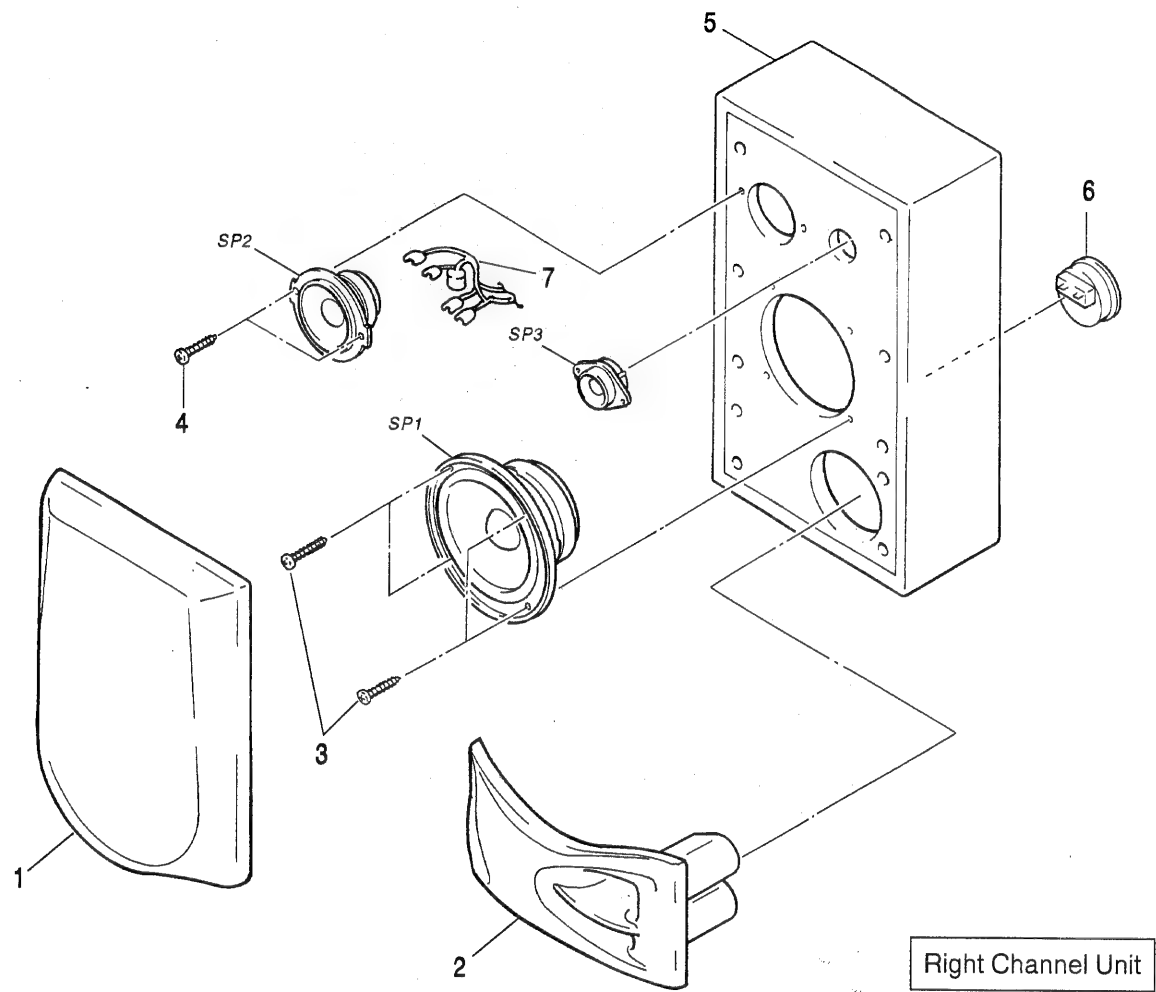
Design and specifications subject to change without notice.

SPEAKER SYSTEM
SONY®

EXPLODED VIEW AND PARTS LIST

NOTE :

- Items marked “ * ”are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- The mechanical parts with no reference number in the exploded views are not supplied.



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
1	X-4945-467-1	FRAME (L) ASSY, GRILLE		7	1-775-334-11	CORD, SPEAKER (WITH CONNECTOR)	
1	X-4945-468-1	FRAME (R) ASSY, GRILLE		SP1	1-504-750-11	SPEAKER (20CM) (WOOFER)	
2	4-971-202-01	DUCT (L) ORNAMENTAL		SP2	1-504-872-11	SPEAKER (6CM) (MID-RANGE)	
2	4-971-203-01	DUCT (R) ORNAMENTAL		SP3	1-544-453-21	SPEAKER (2CM) (TWEETER)	
3	4-936-542-01	SCREW +BTP 4X20		*****			
4	4-874-614-61	SCREW (M3.5X16)		PACKING MATERIALS			
* 5	A-4361-268-A	CABINET (L) ASSY, SPEAKER		*****			
* 5	A-4361-269-A	CABINET (R) ASSY, SPEAKER					
6	1-537-332-11	TERMINAL BOARD (SPEAKER TERMINAL)		*	4-972-653-01	CUSHION	

PS-LX56/LX56P

SERVICE MANUAL

Ver 1.1 2001.07

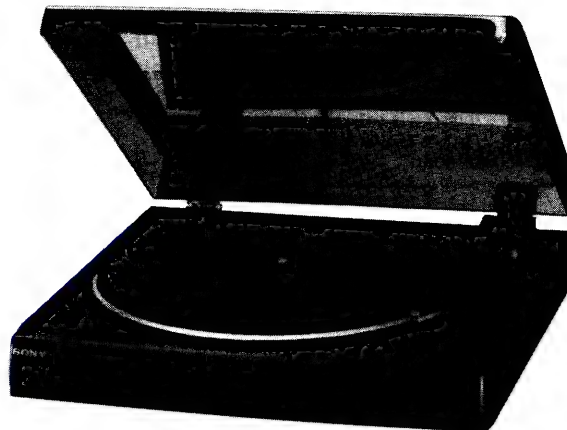


PHOTO : PS-LX56

PS-LX56/LX56P are the turntable section in LBT-A190/A195/A290/A290K/A295/A390/A390K/A395/A490/A490K/A495/D150/D250/D550/G1000/G2000.

US Model
Canadian Model
PX Model
Tourist Model
PS-LX56
AEP Model
E Model
Australian Model
PS-LX56/LX56P
UK Model
PS-LX56P

SPECIFICATIONS

Turntable

Platter 30cm (12 in.)
Motor DC servo motor
Drive system Belt drive
Speed 33 1/3 rpm/45 rpm switchable
Wow and flutter 0.2% (WRMS)
Signal-to-noise ratio 60 dB (DIN-B)
Automatic system Return, reject

Tonearm

Type Dynamically balanced
Pivot-to-stylus length 203 mm (8 in.)
Overall arm length 235 mm (9 1/4 in.)

Cartridge

Type Moving magnet type
Frequency response 20 Hz-20kHz
Stylus CN-234

General

Dimensions 355 × 94 × 345 mm(w/h/d)
(14 × 3 3/4 × 13 5/8 inches)
Weight Approx. 2.5 kg (5 lb 8 oz)
Power requirement US and Canadian model : 120V AC, 60Hz
European model : 220-230V AC, 50/60Hz
Australian model : 240V AC, 50Hz
Model for other countries : 110-120V/220-240V
adjustable with the
voltage selector
AC, 50/60Hz

Power consumption 2 W
Accessory supplied 45-rpm adaptor (1)
Optional accessories Replacement stylus CN-234
Stat spray XP-C10
Cleaner XP-C1, XP-C2

Turntable

Platter 30 cm
Tone arm type Dynamically balanced
Cartridge type Moving magnet type
Stylus Sony CN-234 (0.6 mil diamond)
Mass Approx. 2.3 kg (5 lb 1 oz)
Dimensions Approx. 355 × 95 × 345 mm
(14 × 3 3/4 × 13 5/8 inches)
(w/h/d, including projections)

(PS-LX56P)

30 cm
Dynamically balanced
Moving magnet type
Sony CN-234 (0.6 mil diamond)
Approx. 2.3 kg (5 lb 1 oz)
Approx. 355 × 95 × 345 mm
(14 × 3 3/4 × 13 5/8 inches)
(w/h/d, including projections)

Design and specifications subject to change without notice.

Note

This appliance conforms with EEC Directive 87/308/EEC regarding interference suppression.

9-959-216-12
2001G0200-1
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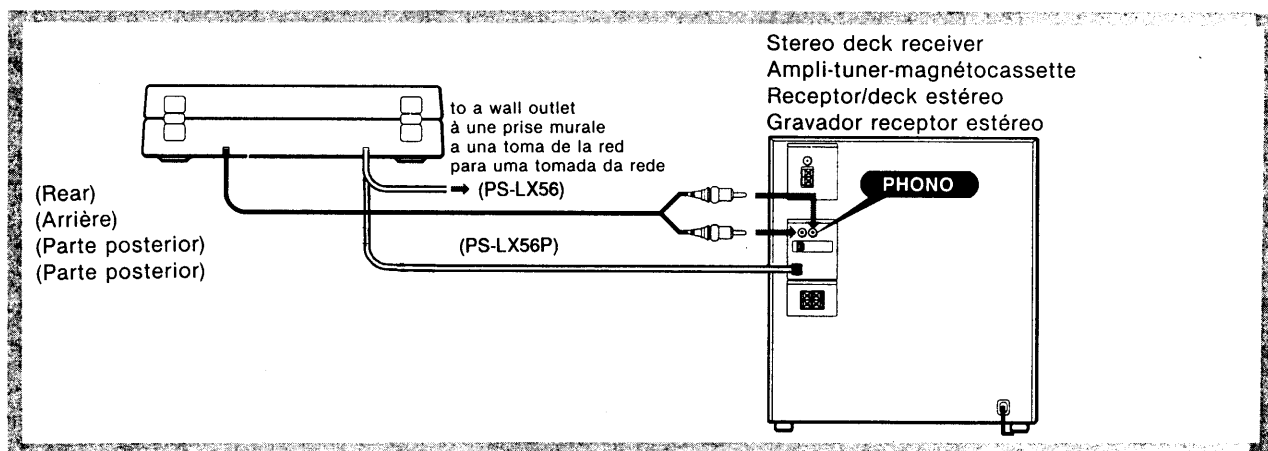
Sony Corporation
Home Audio Company
Shinagawa Tec Service Manual Production Group

STEREO TURNTABLE SYSTEM
SONY®

Connections

Note

Connect the red plug to the right-channel jack (R), and the white plug to the left-channel jack (L).



Notes on installation

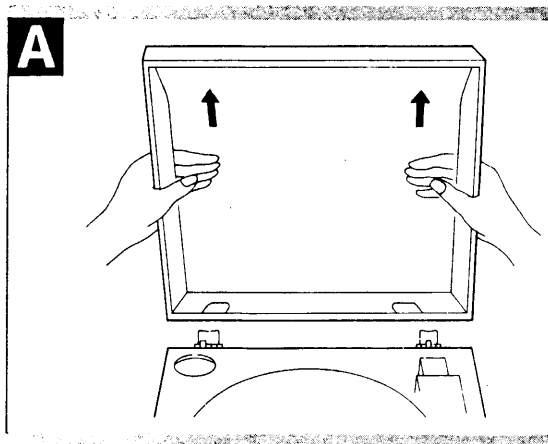
- Place the turntable on a level surface.
- Avoid placing the unit near electrical appliances (such as a television, hair dryer, or fluorescent lamp) which may cause hum or noise.
- Place the turntable where it will not be subject to any vibration, such as from speakers, slamming of doors, etc.
- Keep the unit away from direct sunlight, extremes of temperature, and excessive dust and moisture.

Nota

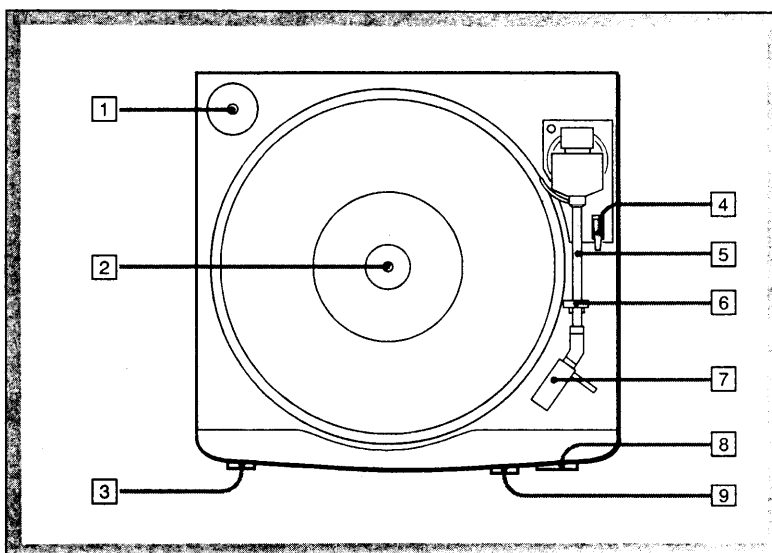
Conecte la clavija roja a la toma del canal derecho (R), y la blanca a la del canal izquierdo (L).

To remove the dust cover A

Open the cover fully and pull it up.

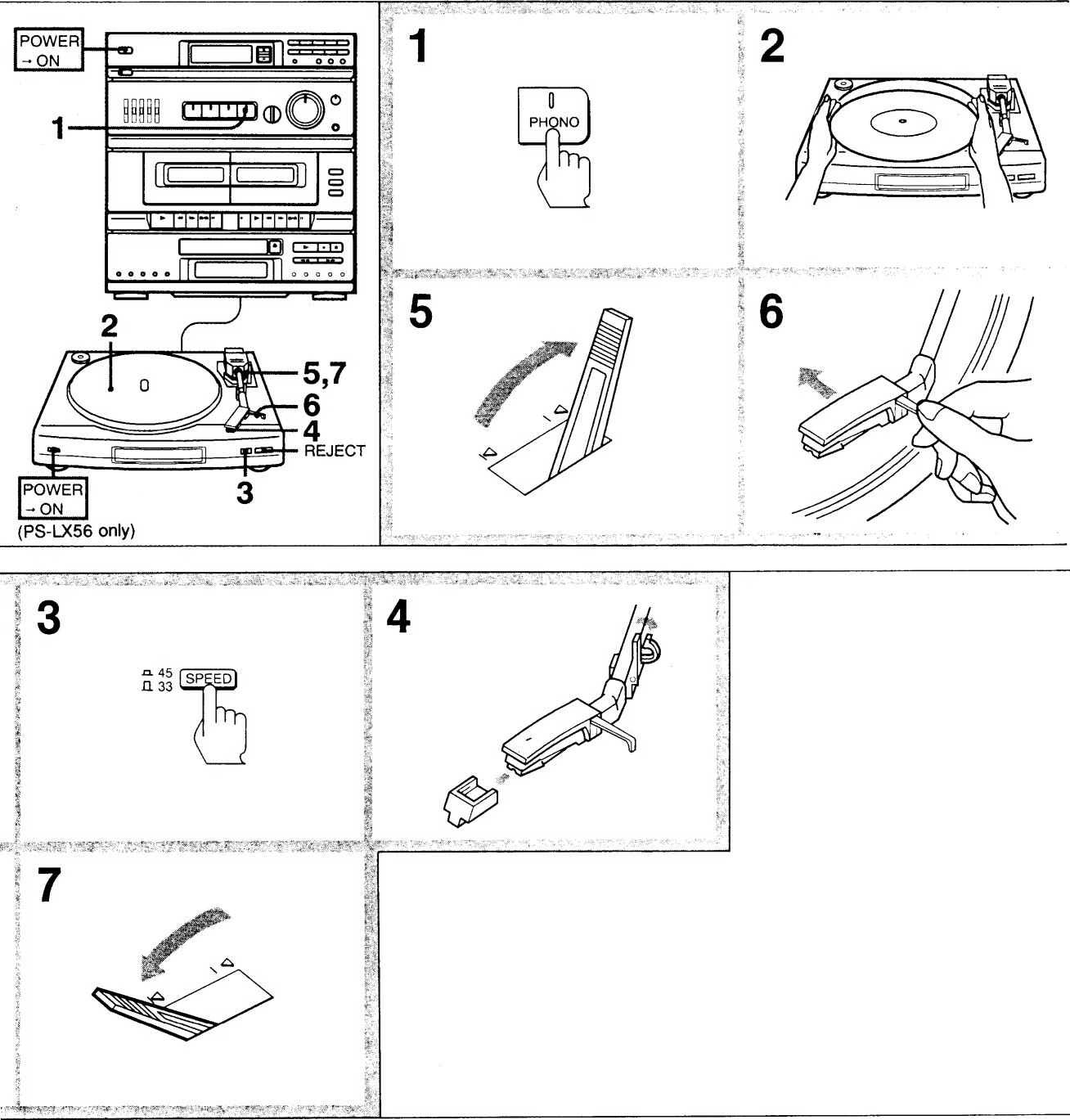


Location of Controls



- 1 45-rpm adaptor
- 2 Centre spindle
- 3 POWER switch (PS-LX56)
- 4 Cueing lever
- 5 Tonearm
- 6 Armrest
- 7 Cartridge
- 8 REJECT button
- 9 Speed selector

Playing Records



When the record is played to the end, the tonearm returns to the armrest and the turntable stops.

To stop during play, press REJECT.

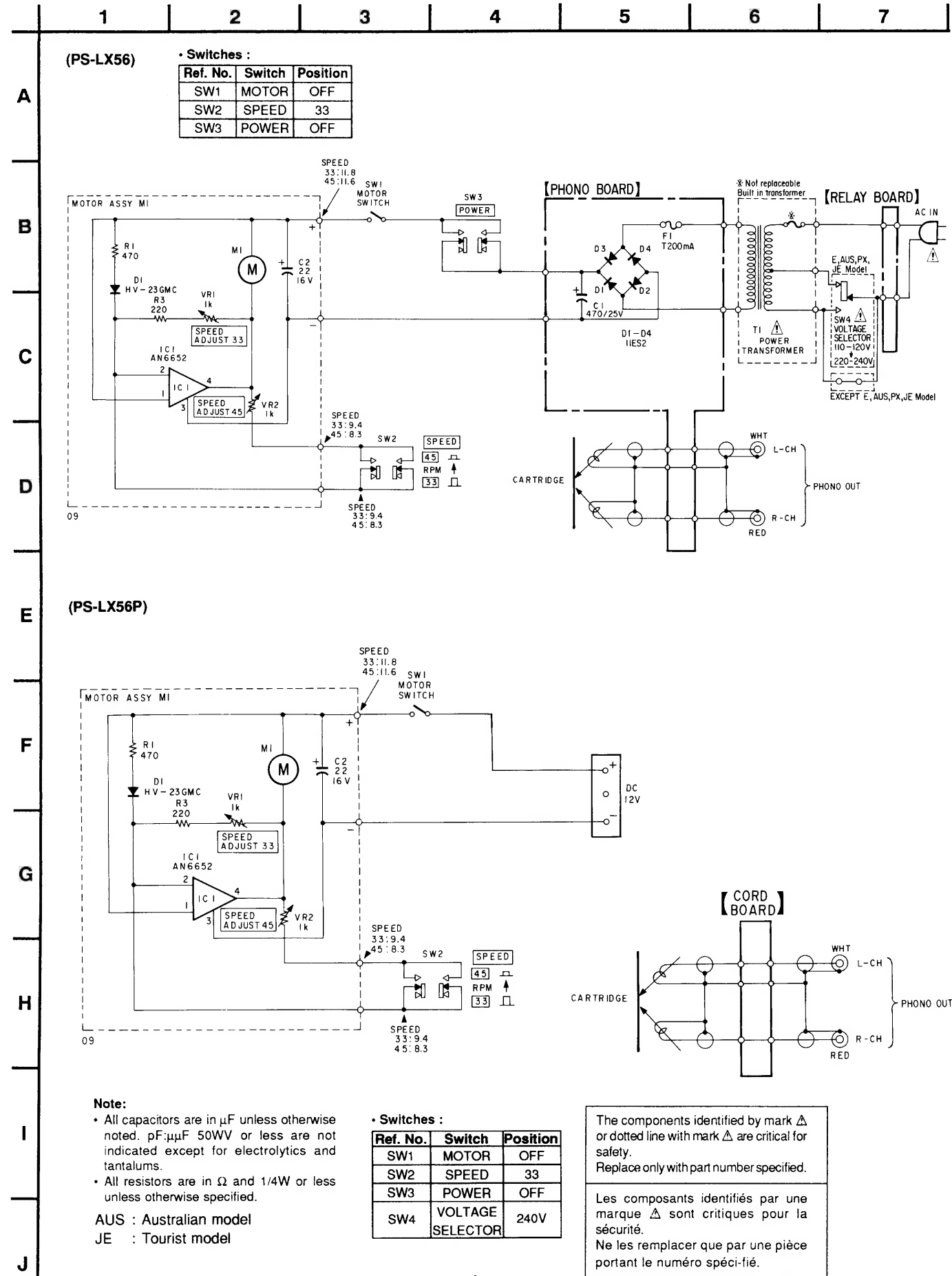
To play a different part of the record
Lift the tonearm by setting the cueing level to ∇ ,
move the tonearm by hand to the desired point, then
set the cueing lever to ∇ .

To play a 17-cm record
Use the supplied adaptor

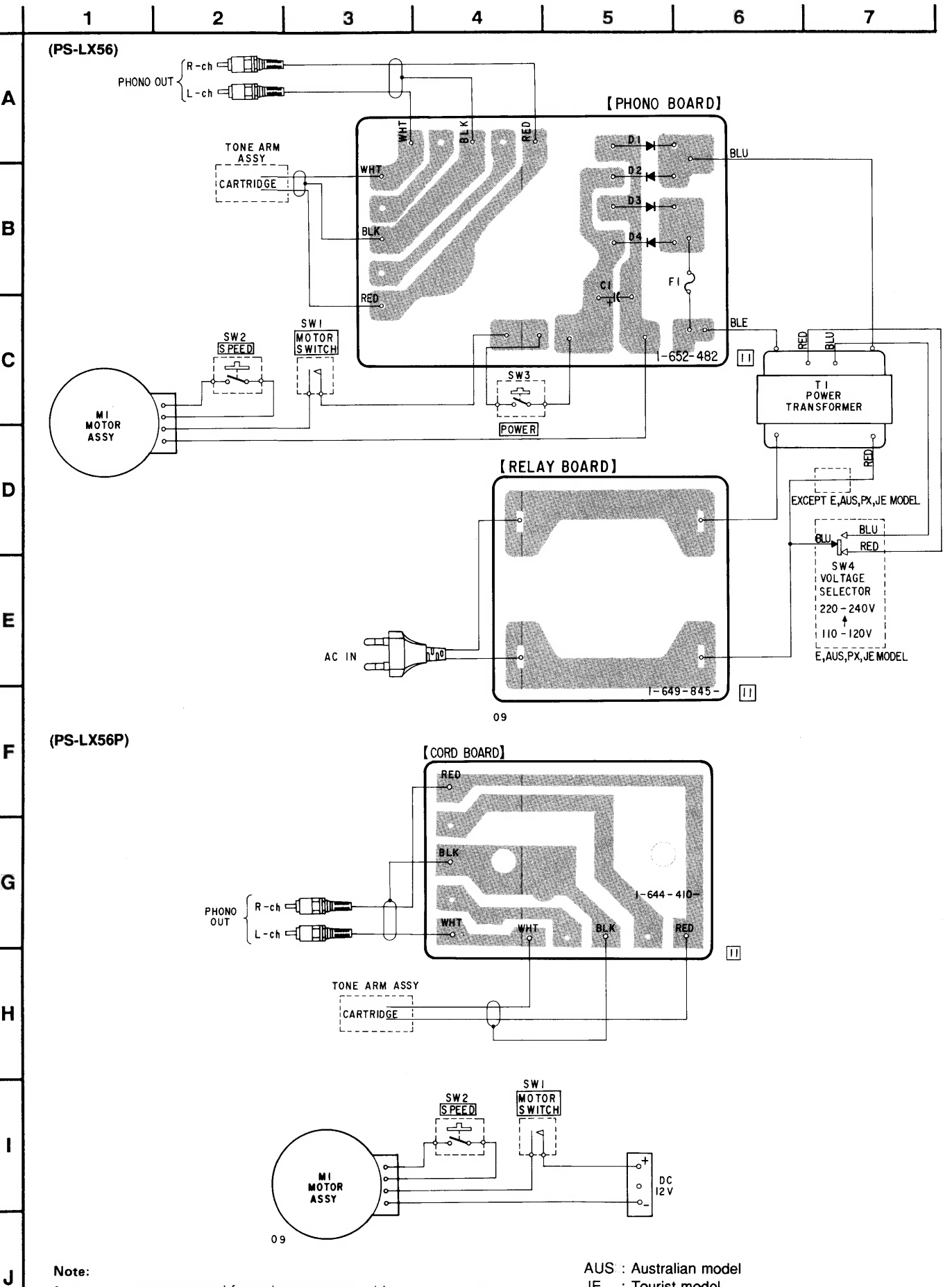
If the tonearm moves outward when you move it close to the centre
Do not resist this movement, as it may damage the automatic return mechanism.

If the tonearm does not return to its armrest
Press REJECT.

SCHEMATIC DIAGRAMS



WIRING DIAGRAMS



CORD

PHONO

RELAY

EXPLODED VIEW

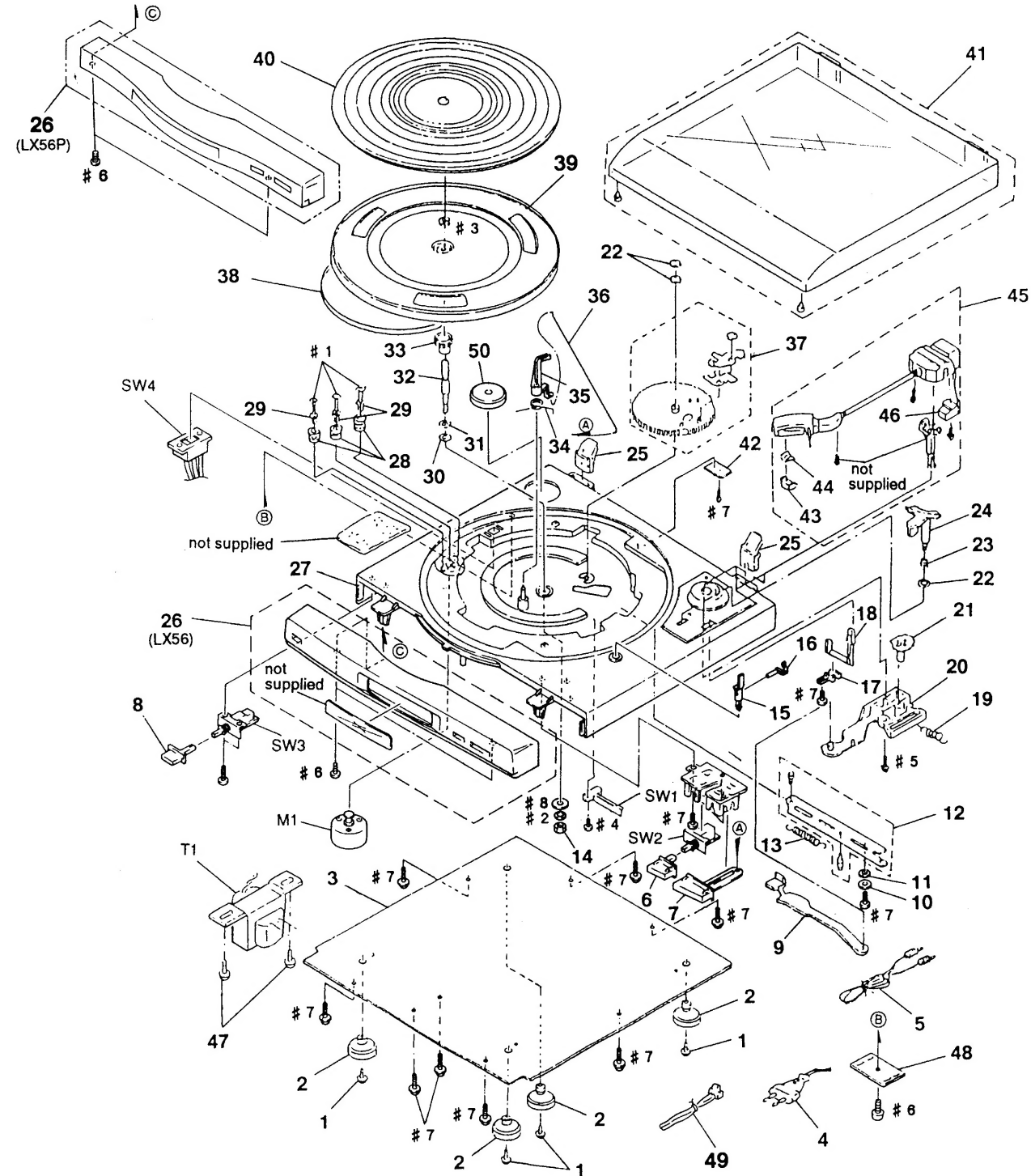
NOTE:

- -XX, -X mean standardized parts, so they may have some difference from the original one.
- Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- The mechanical parts with no reference number in the exploded views are not supplied.

- AUS : Australian model
- CND : Canadian model
- EE : East European model
- IT : Italian model
- MX : Mexican model
- EA : Saudi Arabia model
- SP : Singapore model
- MY : Malaysia model
- JE : Tourist

The components identified by mark Δ or dotted line with mark Δ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque Δ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.



Ref.No.	Part No.	Description	Remark
1	4-950-497-01	FOOT SEAT	
2	4-950-490-01	PLASTIC STAND	
* 3	4-961-804-01	BUTTON BOARD	
Δ 4	1-575-651-61	CORD, AC (LX56: AEP, EA, EE, IT, MX, MY, CIS, SP)	
Δ 4	1-575-975-11	CORD, AC (LX56: CND, US)	
Δ 4	1-590-074-11	CORD, AC (LX56: E)	
Δ 4	1-690-608-11	CORD, AC (LX56: AUS)	
Δ 4	1-696-570-21	CORD, AC (LX56: UK)	
5	1-555-116-11	CORD, PHONO...(BLACK)	
6	4-964-177-01	KNOB SPEED...(BLACK)	
6	4-964-177-11	KNOB SPEED	...(LX56:SILVER, SILVER METALLIC)
7	4-964-178-01	KNOB REJECT...(BLACK)	
7	4-964-178-11	KNOB REJECT	...(LX56:SILVER, SILVER METALLIC)
8	4-964-184-01	KNOB POWER (LX56:BLACK)	
8	4-964-184-11	KNOB POWER	...(LX56:SILVER, SILVER METALLIC)
9	4-947-487-01	RETURN LINK	
10	4-890-173-00	WASHER	
11	3-659-350-00	WASHER	
12	A-4604-947-A	RETURN ASSY, LEVER	
13	4-947-485-01	SPRING (22)	
14	4-947-510-01	NUT	
15	4-947-491-01	ARM REST	
16	A-4660-499-A	ARM CLIP ASSY	
17	4-947-477-01	CUEING (BASE)	
18	4-947-468-01	LEVER, CUEING	
19	4-963-537-01	SPRING	
20	4-963-536-01	LINK RETURN	
21	4-963-535-01	ADJUST CAM	
22	4-947-514-01	4MM CS RING	
23	4-947-467-01	SPRING (6)	
24	4-947-466-01	TONE ARM ELEVATOR	
25	A-4660-498-A	HINGE ASSY	
26	A-4384-982-A	PANEL (B) ASSY, FRONT (LX56: SILVER)	
26	A-4411-941-A	PANEL (B) ASSY, FRONT (LX56: SILVER METALLIC)	
26	A-4660-577-A	FRONT PANEL (G) ASSY (LX56: GRAY) (US)	
26	A-4660-578-A	FRONT PANEL (G) ASSY (LX56: BLACK)	
26	A-4660-976-A	FRONT PANEL (G) ASSY (LX56P)	
* 27	4-950-487-01	MAIN CABINET (B)...(BLACK)	
* 27	4-950-487-11	MAIN CABINET (B) ...(LX56:SILVER, SILVER METALLIC)	
28	4-947-505-01	CUSHION MOTOR	
29	4-947-504-01	COLLAR	
30	3-451-162-00	WASHER (56)	
31	3-701-445-21	WASHER	
32	4-947-498-01	STELL BALL	
33	4-947-497-01	GEAR	
34	4-947-496-01	SPRING (34)	
35	4-947-495-01	WIPER REJECT	
36	4-948-101-01	SPRING (38)	
37	A-4604-916-A	GEAR ASSY, SPUR	
38	4-947-503-01	BELT	

Ref.No.	Part No.	Description	Remark
39	4-947-494-01	TURNTABLE PLATTER	
40	4-947-539-01	RUBBER MAT	
41	A-4604-946-A	DUST COVER ASSY	
* 42	1-652-482-11	PHONO BOARD (LX56)	
* 42	1-644-410-11	CORD BOARD (LX56P)	
43	4-948-095-01	COVER, CARTRIDGE	
44	4-951-290-01	STYLUS (CN-234)	
45	A-4604-940-A	ARM ASSY, TONE	
46	4-947-464-01	COUNTER WEIGHT	
47	4-952-961-01	SCREW (LX56)	
* 48	1-649-845-11	RELAY BOARD (LX56)	
49	1-557-109-21	CORD, DC (LX56P)	
50	3-701-806-00	ADAPTOR, 45	
M1	A-4604-945-A	MOTOR ASSY	
SW1	1-570-666-11	SWITCH (LEAF)	
SW2	1-571-089-11	SWITCH, PUSH (SPEED) (1 KEY)	
SW3	1-692-211-11	SWITCH, PUSH (POWER) (1 KEY) (LX56)	
Δ SW4	1-692-835-11	VOLTAGE SELECTOR (LX-56: AUS, E, MX, MY, SP)	
Δ T1	1-450-987-11	TRANSFORMER, POWER (LX56: AEP, EE, IT, CIS)	
Δ T1	1-450-987-21	TRANSFORMER, POWER (LX56: AUS, E, PX, EA, JE, MX, SP)	
Δ T1	1-450-987-31	TRANSFORMER, POWER (LX56: MY)	
Δ T1	1-450-987-41	TRANSFORMER, POWER (LX56: U, CA)	

ELECTRICAL PARTS LIST

NOTE:

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- -XX, -X mean standardized parts, so they may have some difference from the original one.
- RESISTORS
All resistors are in ohms
METAL: Metal-film resistor
METAL OXIDE: Metal Oxide-film resistor
F : nonflammable
- Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- Hardware (# mark) list is given in the last of this parts list.

- SEMICONDUCTORS
In each case, u: μ , for example:
uA...: μ A..., uPA...: μ PA...,
uPB...: μ PB..., uPC...: μ PC...,
uPD...: μ PD...
- CAPACITORS
uF : μ F
uH : μ H
- COILS
uH : μ H
- AUS : Australian model
- CND : Canadian model
- EE : East European model
- IT : Italian model
- MX : Mexican model
- EA : Saudi Arabia model
- SP : Singapore model
- MY : Malaysia model
- JE : Tourist

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Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
*	1-644-410-11	CORD BOARD (LX56P) *****				ACCESSORIES & PACKING MATERIALS *****	
						3-758-045-11 MANUAL INSTRUCTION (English, French, Spanish, Portuguese) (LX56 AEP, CND)	
*	1-652-482-11	PHONO BOARD (LX56) *****				3-758-045-21 MANUAL INSTRUCTION (English) (LX56 US, UK)	
						3-758-045-41 MANUAL INSTRUCTION (German, Dutch, Swedish, Italian) (LX56 AEP, IT)	
		< CAPACITOR >				3-758-045-51 MANUAL INSTRUCTION (English, French, Spanish, Chinese) (LX56 AUS, E, PX, MX, EA, MY, SP, JE)	
C1	1-126-012-11	ELECT 470uF	16V			3-758-045-61 MANUAL INSTRUCTION (English, German, Polish) (LX56 EE, CIS)	
		< DIODE >					
D1	8-719-200-82	DIODE 11ES2		*	4-947-532-01	SNOW BOX (L)	
D2	8-719-200-82	DIODE 11ES2		*	4-947-533-01	SNOW BOX (R)	
D3	8-719-200-82	DIODE 11ES2			3-701-806-00	ADAPTOR, 45	
D4	8-719-200-82	DIODE 11ES2				*****	
		< FUSE >				***** HARDWARE LIST *****	
Δ F1	1-532-613-XX	FUSE TIME-LAG (T200mA)					
*	1-649-845-11	RELAY BOARD (LX56) *****		#1	7-621-773-87	SCREW (64)	
				#2	7-623-210-22	WASHER (57)	
				#3	7-624-110-04	6MM E RING	
				#4	7-685-105-01	SCREW (59)	
				#5	7-685-645-79	SCREW (68)	
				#6	7-685-646-79	SCREW (60)	
				#7	7-685-647-79	SCREW (58)	
				#8	7-688-005-01	WASHER (69)	

MEMO

REVISION HISTORY

Clicking the version allows you to jump to the revised page.

Also, clicking the version at the upper right on the revised page allows you to jump to the next revised page.

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